

```

1          ;
2          ; BBC FORTH ROM DISASSEMBLY
3          ;
4
5 0010      BOS      =      $10          ; BOTTOM OF DATA STACK
6 0058      TOS      =      $58          ; TOP OF DATA STACK
7 0060      N        =      $60          ; SCRATCH WORKSPACE
8 0068      XSAVE    =      $68          ; TEMPORARY FOR X
REGISTER
9 006A      W        =      XSAVE+2      ; CODE FIELD POINTER
10 006C     IP       =      W+2          ; INTERPRETIVE POINTER
11 006E     UP       =      IP+2         ; USER AREA POINTER
12
13 0102      WBSIZ    =      1+255+2     ; WORD BUFFER SIZE
14
15 0400      UAREA    =      $400         ; USER AREA
16 0440      WORDBU   =      UAREA+64    ; WORD BUFFER
17 0542      TIBB     =      WORDBU+WBSIZ ; TERMINAL INPUT BUFFER
18 05C0      PADD     =      TIBB+126    ; PAD
19 0610      RAM      =      PADD+80     ; RAM RELOCATION ADDR
20
21 7C00      EM       =      $7C00       ; END OF MEMORY+1
22 0400      BLKSIZ   =      1024
23 0404      HDBT     =      BLKSIZ+4
24 0002      NOBUF    =      2
25 0808      BUFS     =      NOBUF*HDBT
26 73F8      BUF1     =      EM-BUFS     ; FIRST BLOCK BUFFER
27
28 8000      *        =      $8000       ; ROM ADDRESS
29
30          ;          ROM HEADER
31
32 8000 4C D5 80 L8000 JMP      L80D5     ; LANGUAGE ENTRY
33 8003 4C 5F 80 L8003 JMP      L805F     ; SERVICE ENTRY
34 8006 E2          L8006 .BYTE   $E2     ; ROM TYPE
35 8007 13          L8007 .BYTE   COPYR-L8000 ; COPYRIGHT OFFSET
36 8008 01          L8008 .BYTE   1       ; BINARY VERSION NUMBER
37 8009 46 4F 52   TITLE .BYTE   'FORTH'  ; TITLE STRING
   800C 54 48
38 800E 00          .BYTE   0
39 800F 31 2E 30   VERS  .BYTE   '1.03'   ; VERSION STRING
   8012 33
40 8013 00 28 43   COPYR .BYTE   0,'(C)'   ; COPYRIGHT IDENT
   8016 29
41 8017 20 41 63          .BYTE   ' Acornsoft Ltd. 1983'
   801A 6F 72 6E
   801D 73 6F 66
   8020 74 20 4C
   8023 74 64 2E
   8026 20 31 39
   8029 38 33
42 802B 00          .BYTE   0
43 802C 00 80          .WORD   L8000      ; TUBE RELOC ADDRESS
44
45 802E 00 00          .WORD   0
46
47 8030 0A 0D 43 L8030 .BYTE   $A,$D,'COLD or WARM start (C/W)? ',0
   8033 4F 4C 44
   8036 20 6F 72
   8039 20 57 41
   803C 52 4D 20
   803F 73 74 61
   8042 72 74 20
   8045 28 43 2F
   8048 57 29 3F
   804B 20 00

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48 804D 00 .BYTE 0
49
50 804E A9 80 L804E LDA #>L8000
51 8050 85 13 STA $13
52 8052 A0 00 LDY #0
53 8054 B1 12 L8054 LDA ($12),Y
54 8056 F0 06 BEQ L805E
55 8058 20 EE FF JSR $FFEE
56 805B C8 INY
57 805C D0 F6 BNE L8054
58 805E 60 L805E RTS
59
60 ; SERVICE ENTRY
61
62 805F C9 04 L805F CMP #4
63 8061 D0 4D BNE L80B0
64 8063 48 PHA
65 8064 98 TYA
66 8065 48 PHA
67 8066 B1 F2 LDA ($F2),Y
68 8068 C9 46 CMP #'F'
69 806A F0 04 BEQ L8070
70 806C C9 66 CMP #'f'
71 806E D0 3C BNE L80AC
72 8070 C8 L8070 INY
73 8071 B1 F2 LDA ($F2),Y
74 8073 C9 4F CMP #'O'
75 8075 F0 04 BEQ L807B
76 8077 C9 6F CMP #'o'
77 8079 D0 2D BNE L80A8
78
79 807B C8 L807B INY
80 807C B1 F2 LDA ($F2),Y
81 807E C9 52 CMP #'R'
82 8080 F0 04 BEQ L8086
83 8082 C9 72 CMP #'r'
84 8084 D0 22 BNE L80A8
85 8086 C8 L8086 INY
86 8087 B1 F2 LDA ($F2),Y
87 8089 C9 54 CMP #'T'
88 808B F0 04 BEQ L8091
89 808D C9 74 CMP #'t'
90 808F D0 17 BNE L80A8
91 8091 C8 L8091 INY
92 8092 B1 F2 LDA ($F2),Y
93 8094 C9 48 CMP #'H'
94 8096 F0 04 BEQ L809C
95 8098 C9 68 CMP #'h'
96 809A D0 0C BNE L80A8
97 809C C8 L809C INY
98 809D B1 F2 LDA ($F2),Y
99 809F C9 0D CMP #$D
100 80A1 D0 05 BNE L80A8
101 80A3 A9 8E LDA #$8E
102 80A5 4C F4 FF JMP $FFF4
103
104 80A8 C9 2E L80A8 CMP #'. '
105 80AA F0 F0 BEQ L809C
106 80AC 68 L80AC PLA
107 80AD A8 TAY
108 80AE 68 PLA
109 80AF 60 RTS
110
111 80B0 C9 09 L80B0 CMP #9
112 80B2 F0 01 BEQ L80B5
113 80B4 60 RTS

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114
115 80B5 48          L80B5  PHA
116 80B6 98          TYA
117 80B7 48          PHA
118 80B8 20 E7 FF    JSR      $FFE7
119 80BB A9 09        LDA      #<TITLE
120 80BD 85 12        STA      $12
121 80BF 20 4E 80    JSR      L804E
122 80C2 A9 20        LDA      #' '
123 80C4 20 EE FF    JSR      $FFEE
124 80C7 A9 0F        LDA      #<VERS
125 80C9 85 12        STA      $12
126 80CB 20 4E 80    JSR      L804E
127 80CE 20 E7 FF    JSR      $FFE7
128 80D1 68          PLA
129 80D2 A8          TAY
130 80D3 68          PLA
131 80D4 60          RTS
132
133                ;      LANGUAGE ENTRY
134
135 80D5 C9 01        L80D5  CMP      #1
136 80D7 F0 01        BEQ      L80DA
137 80D9 60          RTS
138
139 80DA 58          L80DA  CLI
140 80DB A9 30        LDA      #<L8030
141 80DD 85 12        STA      $12
142 80DF 20 4E 80    L80DF  JSR      L804E
143 80E2 20 E0 FF    JSR      $FFE0
144 80E5 C9 1B        CMP      #$1B
145 80E7 D0 07        BNE      L80F0
146 80E9 48          PHA
147 80EA A9 7E        LDA      #$7E
148 80EC 20 F4 FF    JSR      $FFF4
149 80EF 68          PLA
150 80F0 C9 57        L80F0  CMP      #'W'
151 80F2 F0 07        BEQ      L80FB
152 80F4 C9 43        CMP      #'C'
153 80F6 D0 E7        BNE      L80DF
154 80F8 4C 02 81    JMP      L8102
155
156 80FB 4C 05 81    L80FB  JMP      L8105
157
158 80FE FF FF        .BYTE    $FF,$FF
159
160 8100                *=      L8000+$100
161
162 8100                ORIG    =      *      ; FORTH ORIGIN
163
164 8100 EA          NOP
165 8101 EA          NOP
166 8102 4C 19 95    L8102  JMP      COLD+2
167 8105 4C 3D 95    L8105  JMP      WARM+2
168
169 8108 B1 94        L8108  .WORD    START+2
170 810A 0F 94        L810A  .WORD    PABOR+2
171
172                ; BOOT-UP LITERALS
173
174 810C 07 B1        L810C  .WORD    TOPNFA      ; TOP NFA
175 810E 7F 00        .WORD    $7F      ; BACKSPACE CHARACTER
176 8110 00 04        L8110  .WORD    UAREA      ; INITIAL USER AREA
177 8112 58 00        .WORD    TOS      ; INITIAL TOP OF STACK
178 8114 FF 01        .WORD    $1FF      ; INITIAL TOP OF RETURN
STACK

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179 8116 42 05          .WORD  TIBB          ; INITIAL TERMINAL INPUT
BUFFER
180 8118 1F 00          .WORD  31          ; INITIAL WIDTH
181 811A 00 00          .WORD  0          ; INITIAL WARNING
182 811C 72 B6          .WORD  TOPDP        ; INITIAL FENCE
183 811E 72 B6          .WORD  TOPDP        ; INITIAL DP
184 8120 62 06          .WORD  VL0-REL      ; INITIAL VOC-LINK
185 8122 01 00          .WORD  1
186
187 8124 52 64 65       .BYTE  'RdeG-H'      ; AUTHOR ?
      8127 47 2D 48
188
189 812A 01 95          L812A .WORD  L9501
190 812C 2C 94          L812C .WORD  ESCAPE+2
191 812E 49 94          L812E .WORD  OSERR+2
192
193 8130 AD 11 81       L8130 LDA     L8110+1
194 8133 85 6F          STA     UP+1
195 8135 AD 10 81       LDA     L8110
196 8138 85 6E          STA     UP
197 813A B9 0C 81       L813A LDA     L810C,Y
198 813D 91 6E          STA     (UP),Y
199 813F 88             DEY
200 8140 10 F8          BPL     L813A
201 8142 A9 6C          LDA     #$6C
202 8144 85 69          STA     W-1
203 8146 D8             CLD
204 8147 4C 5D 84       JMP     RPSTO+2      ; RUN FORTH
205
206                      ; LIT
207
208 814A 83 4C 49       L814A .BYTE  $83,'LI',$D4
      814D D4
209 814E 00 00          .WORD  0
210 8150 52 81          LIT   .WORD  *+2
211 8152 B1 6C          LDA     (IP),Y
212 8154 48             PHA
213 8155 E6 6C          INC     IP
214 8157 D0 02          BNE     L815B
215 8159 E6 6D          INC     IP+1
216 815B B1 6C          L815B LDA     (IP),Y
217 815D E6 6C          INC     IP
218 815F D0 02          BNE     PUSH
219 8161 E6 6D          INC     IP+1
220
221 8163 CA             PUSH   DEX
222 8164 CA             DEX
223 8165 95 01          PUT     STA     1,X
224 8167 68             PLA
225 8168 95 00          STA     0,X
226 816A A0 01          NEXT   LDY     #1
227 816C B1 6C          L816C LDA     (IP),Y
228 816E 85 6B          STA     W+1
229 8170 88             DEY
230 8171 B1 6C          LDA     (IP),Y
231 8173 85 6A          STA     W
232 8175 18             CLC
233 8176 A5 6C          LDA     IP
234 8178 69 02          ADC     #2
235 817A 85 6C          STA     IP
236 817C 90 02          BCC     L8180
237 817E E6 6D          INC     IP+1
238 8180 24 FF          L8180 BIT     $FF
239 8182 30 03          BMI     L8187
240 8184 4C 69 00       JMP     W-1
241

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242 8187 4C ED 94 L8187 JMP L94ED
243
244 818A 0A SETUP ASL A
245 818B 85 5F STA $5F
246 818D B5 00 L818D LDA 0,X
247 818F 99 60 00 STA N,Y
248 8192 E8 INX
249 8193 C8 INY
250 8194 C4 5F CPY $5F
251 8196 D0 F5 BNE L818D
252 8198 A0 00 LDY #0
253 819A 60 RTS
254
255 ; EXECUTE
256
257 819B 87 45 58 L819B .BYTE $87,'EXECUT',$C5
    819E 45 43 55
    81A1 54 C5
258 81A3 4A 81 .WORD L814A
259 81A5 A7 81 EXEC .WORD *+2
260 81A7 B5 00 LDA 0,X
261 81A9 85 6A STA W
262 81AB B5 01 LDA 1,X
263 81AD 85 6B STA W+1
264 81AF E8 INX
265 81B0 E8 INX
266 81B1 4C 69 00 JMP W-1
267
268 ; @EXECUTE
269
270 81B4 88 40 45 L81B4 .BYTE $88,'@EXECUT',$C5
    81B7 58 45 43
    81BA 55 54 C5
271 81BD 9B 81 .WORD L819B
272 81BF C1 81 ATEXEC .WORD *+2
273 81C1 A1 00 LDA (0,X)
274 81C3 85 6A STA W
275 81C5 F6 00 INC 0,X
276 81C7 D0 02 BNE L81CB
277 81C9 F6 01 INC 1,X
278 81CB A1 00 L81CB LDA (0,X)
279 81CD 85 6B STA W+1
280 81CF E8 INX
281 81D0 E8 INX
282 81D1 4C 69 00 JMP W-1
283
284 ; BRANCH
285
286 81D4 86 42 52 L81D4 .BYTE $86,'BRANC',$C8
    81D7 41 4E 43
    81DA C8
287 81DB B4 81 .WORD L81B4
288 81DD E1 81 BRAN .WORD L81E1
289
290 81DF A6 68 L81DF LDX XSAVE
291 81E1 18 L81E1 CLC
292 81E2 B1 6C LDA (IP),Y
293 81E4 65 6C ADC IP
294 81E6 48 PHA
295 81E7 C8 INY
296 81E8 B1 6C LDA (IP),Y
297 81EA 65 6D ADC IP+1
298 81EC 85 6D STA IP+1
299 81EE 68 PLA
300 81EF 85 6C STA IP
301 81F1 4C 6C 81 JMP L816C

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302
303           ;          0BRANCH
304
305 81F4 87 30 42 L81F4 .BYTE $87,'0BRANC', $C8
    81F7 52 41 4E
    81FA 43 C8
306 81FC D4 81          .WORD L81D4
307 81FE 00 82          ZBRAN .WORD *+2
308 8200 E8            INX
309 8201 E8            INX
310 8202 B5 FE          LDA $FE,X
311 8204 15 FF          ORA $FF,X
312 8206 F0 D9          BEQ L81E1
313 8208 18            BUMP   CLC
314 8209 A5 6C          LDA IP
315 820B 69 02          ADC #2
316 820D 85 6C          STA IP
317 820F 90 02          BCC L8213
318 8211 E6 6D          INC IP+1
319 8213 4C 6A 81 L8213 JMP NEXT
320
321           ;          (LOOP)
322
323 8216 86 28 4C L8216 .BYTE $86,' (LOOP', $A9
    8219 4F 4F 50
    821C A9
324 821D F4 81          .WORD L81F4
325 821F 21 82          XLOOP .WORD *+2
326 8221 86 68          STX XSAVE
327 8223 BA            TSX
328 8224 FE 01 01        INC $101,X
329 8227 D0 0A          BNE L8233
330 8229 98            TYA
331 822A 38            SEC
332 822B 7D 02 01        ADC $102,X
333 822E 70 16          BVS L8246
334 8230 9D 02 01        STA $102,X
335 8233 18            L8233 CLC
336 8234 BD 03 01        LDA $103,X
337 8237 FD 01 01        SBC $101,X
338 823A BD 04 01        LDA $104,X
339 823D FD 02 01        SBC $102,X
340 8240 50 02          BVC L8244
341 8242 49 80          EOR #$80
342 8244 10 99          L8244 BPL L81DF
343
344 8246 A6 68          L8246 LDX XSAVE
345 8248 68            PLA
346 8249 68            PLA
347 824A 68            PLA
348 824B 68            PLA
349 824C 4C 08 82        JMP BUMP
350
351           ;          (+LOOP)
352
353 824F 87 28 2B L824F .BYTE $87,' (+LOOP', $A9
    8252 4C 4F 4F
    8255 50 A9
354 8257 16 82          .WORD L8216
355 8259 5B 82          XPLOO .WORD *+2
356 825B B5 01          LDA 1,X
357 825D 48            PHA
358 825E 48            PHA
359 825F B5 00          LDA 0,X
360 8261 E8            INX
361 8262 E8            INX

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362	8263	86 68		STX	XSAVE
363	8265	BA		TSX	
364	8266	E8		INX	
365	8267	E8		INX	
366	8268	18		CLC	
367	8269	7D 01 01		ADC	\$101,X
368	826C	9D 01 01		STA	\$101,X
369	826F	68		PLA	
370	8270	7D 02 01		ADC	\$102,X
371	8273	9D 02 01		STA	\$102,X
372	8276	68		PLA	
373	8277	70 CD		BVS	L8246
374	8279	10 B8		BPL	L8233
375	827B	38		SEC	
376	827C	BD 01 01		LDA	\$101,X
377	827F	FD 03 01		SBC	\$103,X
378	8282	BD 02 01		LDA	\$102,X
379	8285	FD 04 01		SBC	\$104,X
380	8288	70 BC		BVS	L8246
381	828A	50 B8		BVC	L8244
382					
383			;	(ULOOP)	
384					
385	828C	87 28 55	L828C	.BYTE	\$87,'(ULOOP',\$A9
	828F	4C 4F 4F			
	8292	50 A9			
386	8294	4F 82		.WORD	L824F
387	8296	98 82	XPULO	.WORD	*+2
388	8298	86 68		STX	XSAVE
389	829A	BA		TSX	
390	829B	FE 01 01		INC	\$101,X
391	829E	D0 03		BNE	L82A3
392	82A0	FE 02 01		INC	\$102,X
393	82A3	18	L82A3	CLC	
394	82A4	BD 03 01		LDA	\$103,X
395	82A7	FD 01 01		SBC	\$101,X
396	82AA	BD 04 01		LDA	\$104,X
397	82AD	FD 02 01		SBC	\$102,X
398	82B0	4C 44 82		JMP	L8244
399					
400			;	I	
401					
402	82B3	81 C9	L82B3	.BYTE	\$81,\$C9
403	82B5	8C 82		.WORD	L828C
404	82B7	B9 82	IDO	.WORD	*+2
405	82B9	86 68		STX	XSAVE
406	82BB	BA		TSX	
407	82BC	BD 01 01		LDA	\$101,X
408	82BF	48		PHA	
409	82C0	BD 02 01		LDA	\$102,X
410	82C3	A6 68		LDX	XSAVE
411	82C5	4C 63 81		JMP	PUSH
412					
413			;	(DO)	
414					
415	82C8	84 28 44	L82C8	.BYTE	\$84,'(DO',\$A9
	82CB	4F A9			
416	82CD	B3 82		.WORD	L82B3
417	82CF	D1 82	XDO	.WORD	*+2
418	82D1	B5 03		LDA	3,X
419	82D3	48		PHA	
420	82D4	B5 02		LDA	2,X
421	82D6	48		PHA	
422	82D7	B5 01		LDA	1,X
423	82D9	48		PHA	
424	82DA	B5 00		LDA	0,X

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425 82DC 48          PHA
426
427 82DD E8          POPTWO INX
428 82DE E8          INX
429
430 82DF E8          POP     INX
431 82E0 E8          INX
432 82E1 4C 6A 81    JMP     NEXT
433
434          ;        HIADDR
435
436 82E4 86 48 49    L82E4    .BYTE    $86, 'HIADD', $D2
      82E7 41 44 44
      82EA D2
437 82EB C8 82          .WORD    L82C8
438 82ED EF 82          HIADR    .WORD    *+2
439 82EF 86 68          STX      XSAVE
440 82F1 A9 82          LDA      #$82
441 82F3 20 F4 FF      JSR      $FFF4
442 82F6 8A          TXA
443 82F7 A6 68          LDX      XSAVE
444 82F9 48          PHA
445 82FA 98          TYA
446 82FB 4C 63 81    JMP      PUSH
447
448          ;        MODEADDR
449
450 82FE 88 4D 4F    L82FE    .BYTE    $88, 'MODEADD', $D2
      8301 44 45 41
      8304 44 44 D2
451 8307 E4 82          .WORD    L82E4
452 8309 0B 83          MODADR    .WORD    *+2
453 830B 86 68          STX      XSAVE
454 830D B5 00          LDA      0,X
455 830F AA          TAX
456 8310 A9 85          LDA      #$85
457 8312 20 F4 FF      JSR      $FFF4
458 8315 8A          TXA
459 8316 A6 68          LDX      XSAVE
460 8318 94 01          STY      1,X
461 831A 95 00          STA      0,X
462 831C 4C 6A 81    JMP      NEXT
463
464          ;        DIGIT
465
466 831F 85 44 49    L831F    .BYTE    $85, 'DIGI', $D4
      8322 47 49 D4
467 8325 FE 82          .WORD    L82FE
468 8327 29 83          DIGIT    .WORD    *+2
469 8329 38          SEC
470 832A B5 02          LDA      2,X
471 832C E9 30          SBC      #'0'
472 832E 30 18          BMI      L8348
473 8330 C9 0A          CMP      #$A
474 8332 30 07          BMI      L833B
475 8334 38          SEC
476 8335 E9 07          SBC      #7
477 8337 C9 0A          CMP      #$A
478 8339 30 0D          BMI      L8348
479 833B D5 00          L833B    CMP      0,X
480 833D 10 09          BPL      L8348
481 833F 95 02          STA      2,X
482 8341 A9 01          LDA      #1
483 8343 48          PHA
484 8344 98          TYA
485 8345 4C 65 81    JMP      PUT

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486
487 8348 98          L8348 TYA
488 8349 48          PHA
489 834A E8          INX
490 834B E8          INX
491 834C 4C 65 81    JMP      PUT
492
493                ;      (FIND)
494
495 834F 86 28 46    L834F .BYTE  $86,' (FIND', $A9
      8352 49 4E 44
      8355 A9
496 8356 1F 83          .WORD  L831F
497 8358 5A 83          PFIND  .WORD  *+2
498 835A A9 02          LDA      #2
499 835C 20 8A 81      JSR      SETUP
500 835F 86 68          STX      XSAVE
501 8361 A0 00          L8361 LDY      #0
502 8363 B1 60          LDA      (N),Y
503 8365 51 62          EOR      (N+2),Y
504 8367 29 3F          AND      #$3F
505 8369 D0 2D          BNE      L8398
506 836B C8          L836B INY
507 836C B1 60          LDA      (N),Y
508 836E 51 62          EOR      (N+2),Y
509 8370 0A          ASL      A
510 8371 D0 23          BNE      L8396
511 8373 90 F6          BCC      L836B
512 8375 A6 68          LDX      XSAVE
513 8377 CA          DEX
514 8378 CA          DEX
515 8379 CA          DEX
516 837A CA          DEX
517 837B 18          CLC
518 837C 98          TYA
519 837D 69 03          ADC      #3
520 837F 65 60          ADC      N
521 8381 95 02          STA      2,X
522 8383 A0 00          LDY      #0
523 8385 98          TYA
524 8386 65 61          ADC      N+1
525 8388 95 03          STA      3,X
526 838A 94 01          STY      1,X
527 838C B1 60          LDA      (N),Y
528 838E 95 00          STA      0,X
529 8390 A9 01          LDA      #1
530 8392 48          PHA
531 8393 4C 63 81    JMP      PUSH
532
533 8396 B0 05          L8396 BCS      L839D
534 8398 C8          L8398 INY
535 8399 B1 60          LDA      (N),Y
536 839B 10 FB          BPL      L8398
537 839D C8          L839D INY
538 839E B1 60          LDA      (N),Y
539 83A0 AA          TAX
540 83A1 C8          INY
541 83A2 B1 60          LDA      (N),Y
542 83A4 85 61          STA      N+1
543 83A6 86 60          STX      N
544 83A8 05 60          ORA      N
545 83AA D0 B5          BNE      L8361
546 83AC A6 68          LDX      XSAVE
547 83AE A9 00          LDA      #0
548 83B0 48          PHA
549 83B1 4C 63 81    JMP      PUSH

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550
551           ;          ENCLOSE
552
553 83B4 87 45 4E L83B4 .BYTE $87,'ENCLOS', $C5
      83B7 43 4C 4F
      83BA 53 C5
554 83BC 4F 83          .WORD L834F
555 83BE C0 83          ENCL .WORD *+2
556 83C0 A9 02          LDA #2
557 83C2 20 8A 81          JSR SETUP
558 83C5 8A
559 83C6 38          SEC
560 83C7 E9 08          SBC #8
561 83C9 AA          TAX
562 83CA 88          DEY
563 83CB 84 61          STY N+1
564 83CD C6 63          DEC N+3
565 83CF C8          L83CF INY
566 83D0 D0 04          BNE L83D6
567 83D2 E6 61          INC N+1
568 83D4 E6 63          INC N+3
569 83D6 B1 62          L83D6 LDA (N+2),Y
570 83D8 C5 60          CMP N
571 83DA F0 F3          BEQ L83CF
572 83DC 94 04          STY 4,X
573 83DE A5 61          LDA N+1
574 83E0 95 05          STA 5,X
575 83E2 B1 62          L83E2 LDA (N+2),Y
576 83E4 D0 1E          BNE L8404
577 83E6 94 02          STY 2,X
578 83E8 94 00          STY 0,X
579 83EA A5 61          LDA N+1
580 83EC 95 03          STA 3,X
581 83EE 95 01          STA 1,X
582 83F0 98          TYA
583 83F1 D5 04          CMP 4,X
584 83F3 D0 0C          BNE L8401
585 83F5 A5 61          LDA N+1
586 83F7 D5 05          CMP 5,X
587 83F9 D0 06          BNE L8401
588 83FB F6 02          INC 2,X
589 83FD D0 02          BNE L8401
590 83FF F6 03          INC 3,X
591 8401 4C 6A 81 L8401 JMP NEXT
592
593 8404 C8          L8404 INY
594 8405 D0 04          BNE L840B
595 8407 E6 63          L8407 INC N+3
596 8409 E6 61          INC N+1
597 840B C5 60          L840B CMP N
598 840D D0 D3          BNE L83E2
599 840F 94 00          STY 0,X
600 8411 A5 61          LDA N+1
601 8413 95 01          STA 1,X
602 8415 95 03          STA 3,X
603 8417 98          TYA
604 8418 D0 02          BNE L841C
605 841A D6 03          DEC 3,X
606 841C 88          L841C DEY
607 841D 94 02          STY 2,X
608 841F 4C 6A 81          JMP NEXT
609
610           ;          SP@
611
612 8422 83 53 50 L8422 .BYTE $83,'SP', $C0
      8425 C0

```

613	8426	B4	83			.WORD	L83B4
614	8428	2A	84	SPAT		.WORD	*+2
615	842A	8A				TXA	
616	842B	48		L842B		PHA	
617	842C	A9	00			LDA	#0
618	842E	4C	63	81		JMP	PUSH
619							
620				;		RP@	
621							
622	8431	83	52	50	L8431	.BYTE	\$83,'RP',\$C0
	8434	C0					
623	8435	22	84			.WORD	L8422
624	8437	39	84	RPAT		.WORD	*+2
625	8439	86	68			STX	XSAVE
626	843B	BA				TSX	
627	843C	8A				TXA	
628	843D	A6	68			LDX	XSAVE
629	843F	48				PHA	
630	8440	A9	01			LDA	#1
631	8442	4C	63	81		JMP	PUSH
632							
633				;		SP!	
634							
635	8445	83	53	50	L8445	.BYTE	\$83,'SP',\$A1
	8448	A1					
636	8449	31	84			.WORD	L8431
637	844B	4D	84	SPSTO		.WORD	*+2
638	844D	A0	06			LDY	#6
639	844F	B1	6E			LDA	(UP),Y
640	8451	AA				TAX	
641	8452	4C	6A	81		JMP	NEXT
642							
643				;		RP!	
644							
645	8455	83	52	50	L8455	.BYTE	\$83,'RP',\$A1
	8458	A1					
646	8459	45	84			.WORD	L8445
647	845B	5D	84	RPSTO		.WORD	*+2
648	845D	86	68			STX	XSAVE
649	845F	A0	08			LDY	#8
650	8461	B1	6E			LDA	(UP),Y
651	8463	AA				TAX	
652	8464	9A				TXS	
653	8465	A6	68	L8465		LDX	XSAVE
654	8467	4C	6A	81		JMP	NEXT
655							
656				;		(EMIT)	
657							
658	846A	86	28	45	L846A	.BYTE	\$86,'(EMIT',\$A9
	846D	4D	49	54			
	8470	A9					
659	8471	55	84			.WORD	L8455
660	8473	75	84	PEMIT		.WORD	*+2
661	8475	98				TYA	
662	8476	38				SEC	
663	8477	A0	1A			LDY	#\$1A
664	8479	71	6E			ADC	(UP),Y
665	847B	91	6E			STA	(UP),Y
666	847D	C8				INY	
667	847E	A9	00			LDA	#0
668	8480	71	6E			ADC	(UP),Y
669	8482	91	6E			STA	(UP),Y
670	8484	B5	00			LDA	0,X
671	8486	29	7F			AND	#\$7F
672	8488	20	EE	FF		JSR	\$FFEE
673	848B	4C	DF	82		JMP	POP

```

674
675                ;                >VDU
676
677 848E 84 3E 56 L848E .BYTE $84,'>VD',$D5
      8491 44 D5
678 8493 10 06                .WORD L9FFB-REL
679 8495 97 84                TOVDU .WORD *+2
680 8497 B5 00                LDA 0,X
681 8499 20 EE FF                JSR $FFEE
682 849C 4C DF 82                JMP POP
683
684                ;                CMOVE
685
686 849F 85 43 4D L849F .BYTE $85,'CMOV',$C5
      84A2 4F 56 C5
687 84A5 8E 84                .WORD L848E
688 84A7 A9 84                CMOVE .WORD *+2
689 84A9 38                SEC
690 84AA 98                TYA
691 84AB F5 00                SBC 0,X
692 84AD 98                TYA
693 84AE F5 01                SBC 1,X
694 84B0 10 1E                BPL L84D0
695 84B2 A9 03                LDA #3
696 84B4 20 8A 81                JSR SETUP
697 84B7 C4 60                L84B7 CPY N
698 84B9 D0 07                BNE L84C2
699 84BB C6 61                DEC N+1
700 84BD 10 03                BPL L84C2
701 84BF 4C 6A 81                JMP NEXT
702
703 84C2 B1 64                L84C2 LDA (N+4),Y
704 84C4 91 62                STA (N+2),Y
705 84C6 C8                INY
706 84C7 D0 EE                BNE L84B7
707 84C9 E6 65                INC N+5
708 84CB E6 63                INC N+3
709 84CD 4C B7 84                JMP L84B7
710
711 84D0 E8                L84D0 INX
712 84D1 E8                INX
713 84D2 4C DD 82                JMP POPTWO
714
715                ;                U*
716
717 84D5 82 55 AA L84D5 .BYTE $82,'U',$AA
718 84D8 9F 84                .WORD L849F
719 84DA DC 84                USTAR .WORD *+2
720 84DC B5 00                LDA 0,X
721 84DE 85 60                STA N
722 84E0 B5 01                LDA 1,X
723 84E2 85 61                STA N+1
724 84E4 98                TYA
725 84E5 95 00                STA 0,X
726 84E7 18                CLC
727 84E8 A0 11                LDY #$11
728 84EA D0 0D                BNE L84F9
729
730 84EC 90 0B                L84EC BCC L84F9
731 84EE 48                PHA
732 84EF 18                CLC
733 84F0 B5 00                LDA 0,X
734 84F2 65 60                ADC N
735 84F4 95 00                STA 0,X
736 84F6 68                PLA
737 84F7 65 61                ADC N+1

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738	84F9	6A		L84F9	ROR	A
739	84FA	76	00		ROR	0,X
740	84FC	76	03		ROR	3,X
741	84FE	76	02		ROR	2,X
742	8500	88			DEY	
743	8501	D0	E9		BNE	L84EC
744	8503	95	01		STA	1,X
745	8505	4C	6A 81		JMP	NEXT
746						
747				;	U/	
748						
749	8508	82	55 AF	L8508	.BYTE	\$82,'U',\$AF
750	850B	D5	84		.WORD	L84D5
751	850D	0F	85	USLAS	.WORD	*+2
752	850F	84	61		STY	N+1
753	8511	B5	04		LDA	4,X
754	8513	B4	02		LDY	2,X
755	8515	94	04		STY	4,X
756	8517	0A			ASL	A
757	8518	95	02		STA	2,X
758	851A	B5	05		LDA	5,X
759	851C	B4	03		LDY	3,X
760	851E	94	05		STY	5,X
761	8520	2A			ROL	A
762	8521	95	03		STA	3,X
763	8523	A9	10		LDA	#\$10
764	8525	85	60		STA	N
765	8527	36	04	L8527	ROL	4,X
766	8529	36	05		ROL	5,X
767	852B	26	61		ROL	N+1
768	852D	38			SEC	
769	852E	B5	04		LDA	4,X
770	8530	F5	00		SBC	0,X
771	8532	A8			TAY	
772	8533	B5	05		LDA	5,X
773	8535	F5	01		SBC	1,X
774	8537	48			PHA	
775	8538	A5	61		LDA	N+1
776	853A	E9	00		SBC	#0
777	853C	68			PLA	
778	853D	90	04		BCC	L8543
779	853F	94	04		STY	4,X
780	8541	95	05		STA	5,X
781	8543	36	02	L8543	ROL	2,X
782	8545	36	03		ROL	3,X
783	8547	C6	60		DEC	N
784	8549	D0	DC		BNE	L8527
785	854B	4C	DF 82		JMP	POP
786						
787				;	AND	
788						
789	854E	83	41 4E	L854E	.BYTE	\$83,'AN',\$C4
	8551	C4				
790	8552	08	85		.WORD	L8508
791	8554	56	85	ANDD	.WORD	*+2
792	8556	B5	00		LDA	0,X
793	8558	35	02		AND	2,X
794	855A	48			PHA	
795	855B	B5	01		LDA	1,X
796	855D	35	03		AND	3,X
797	855F	E8			INX	
798	8560	E8			INX	
799	8561	4C	65 81		JMP	PUT
800						
801				;	OR	
802						

803	8564	82	4F	D2	L8564	.BYTE	\$82,'O',\$D2
804	8567	4E	85			.WORD	L854E
805	8569	6B	85		ORR	.WORD	*+2
806	856B	B5	00			LDA	0,X
807	856D	15	02			ORA	2,X
808	856F	48				PHA	
809	8570	B5	01			LDA	1,X
810	8572	15	03			ORA	3,X
811	8574	E8				INX	
812	8575	E8				INX	
813	8576	4C	65	81		JMP	PUT
814							
815					;	XOR	
816							
817	8579	83	58	4F	L8579	.BYTE	\$83,'XO',\$D2
	857C	D2					
818	857D	64	85			.WORD	L8564
819	857F	81	85		XORR	.WORD	*+2
820	8581	B5	00			LDA	0,X
821	8583	55	02			EOR	2,X
822	8585	48				PHA	
823	8586	B5	01			LDA	1,X
824	8588	55	03			EOR	3,X
825	858A	E8				INX	
826	858B	E8				INX	
827	858C	4C	65	81		JMP	PUT
828							
829					;	?KEY	
830							
831	858F	84	3F	4B	L858F	.BYTE	\$84,'?KE',\$D9
	8592	45	D9				
832	8594	79	85			.WORD	L8579
833	8596	98	85		QKEY	.WORD	*+2
834	8598	86	68			STX	XSAVE
835	859A	A2	01			LDX	#1
836	859C	A9	0C			LDA	#\$C
837	859E	20	F4	FF		JSR	\$\$\$\$4
838	85A1	86	60			STX	N
839	85A3	A2	00			LDX	#0
840	85A5	A9	0B			LDA	#\$B
841	85A7	20	F4	FF		JSR	\$\$\$\$4
842	85AA	86	61			STX	N+1
843	85AC	A2	01			LDX	#1
844	85AE	A9	0F			LDA	#\$F
845	85B0	20	F4	FF		JSR	\$\$\$\$4
846	85B3	A6	68			LDX	XSAVE
847	85B5	B4	01			LDY	1,X
848	85B7	B5	00			LDA	0,X
849	85B9	AA				TAX	
850	85BA	A9	81			LDA	#\$81
851	85BC	20	F4	FF		JSR	\$\$\$\$4
852	85BF	8A				TXA	
853	85C0	48				PHA	
854	85C1	98				TYA	
855	85C2	48				PHA	
856	85C3	A6	60			LDX	N
857	85C5	A9	0C			LDA	#\$C
858	85C7	20	F4	FF		JSR	\$\$\$\$4
859	85CA	A6	61			LDX	N+1
860	85CC	A9	0B			LDA	#\$B
861	85CE	20	F4	FF		JSR	\$\$\$\$4
862	85D1	68				PLA	
863	85D2	A6	68			LDX	XSAVE
864	85D4	4C	65	81		JMP	PUT
865							
866					;	(KEY)	

```

867
868 85D7 85 28 4B L85D7 .BYTE $85,'(KEY',$A9
      85DA 45 59 A9
869 85DD 8F 85 .WORD L858F
870 85DF E1 85 PKEY .WORD *+2
871 85E1 20 E0 FF JSR $FFE0
872 85E4 4C 2B 84 JMP L842B
873
874 ; EXIT
875
876 85E7 84 45 58 L85E7 .BYTE $84,'EXI',$D4
      85EA 49 D4
877 85EC 1B 06 .WORD LA006-REL
878 85EE F0 85 EXIT .WORD *+2
879 85F0 68 PLA
880 85F1 85 6C STA IP
881 85F3 68 PLA
882 85F4 85 6D STA IP+1
883 85F6 4C 6A 81 JMP NEXT
884
885 ; R@
886
887 85F9 82 52 C0 L85F9 .BYTE $82,'R',$C0
888 85FC E7 85 .WORD L85E7
889 85FE 00 86 RAT .WORD *+2
890 8600 86 68 STX XSAVE
891 8602 BA TSX
892 8603 BD 01 01 LDA $101,X
893 8606 48 PHA
894 8607 BD 02 01 LDA $102,X
895 860A A6 68 LDX XSAVE
896 860C 4C 63 81 JMP PUSH
897
898 ; >R
899
900 860F 82 3E D2 L860F .BYTE $82,'>',$D2
901 8612 F9 85 .WORD L85F9
902 8614 16 86 TOR .WORD *+2
903 8616 B5 01 LDA 1,X
904 8618 48 PHA
905 8619 B5 00 LDA 0,X
906 861B 48 PHA
907 861C 4C DF 82 JMP POP
908
909 ; R>
910
911 861F 82 52 BE L861F .BYTE $82,'R',$BE
912 8622 0F 86 .WORD L860F
913 8624 26 86 RFROM .WORD *+2
914 8626 CA DEX
915 8627 CA DEX
916 8628 68 PLA
917 8629 95 00 STA 0,X
918 862B 68 PLA
919 862C 95 01 STA 1,X
920 862E 4C 6A 81 JMP NEXT
921
922 ; ><
923
924 8631 82 3E BC L8631 .BYTE $82,'>',$BC
925 8634 1F 86 .WORD L861F
926 8636 38 86 BSWAP .WORD *+2
927 8638 B4 00 LDY 0,X
928 863A B5 01 LDA 1,X
929 863C 95 00 STA 0,X
930 863E 94 01 STY 1,X

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931 8640 4C 6A 81      JMP      NEXT
932
933                      ;      LEAVE
934
935 8643 85 4C 45 L8643 .BYTE    $85,'LEAV', $C5
      8646 41 56 C5
936 8649 31 86      .WORD    L8631
937 864B 4D 86      LEAV     .WORD    *+2
938 864D 86 68      STX      XSAVE
939 864F BA      TSX
940 8650 BD 01 01    LDA      $101,X
941 8653 9D 03 01    STA      $103,X
942 8656 BD 02 01    LDA      $102,X
943 8659 9D 04 01    STA      $104,X
944 865C A6 68      LDX      XSAVE
945 865E 4C 6A 81    JMP      NEXT
946
947                      ;      0=
948
949 8661 82 30 BD L8661 .BYTE    $82,'0', $BD
950 8664 43 86      .WORD    L8643
951 8666 68 86      ZEQU     .WORD    *+2
952 8668 B5 00      LDA      0,X
953 866A 15 01      ORA      1,X
954 866C 94 01      STY      1,X
955 866E D0 01      BNE      L8671
956 8670 C8      INY
957 8671 94 00 L8671 STY      0,X
958 8673 4C 6A 81    JMP      NEXT
959
960                      ;      0<
961
962 8676 82 30 BC L8676 .BYTE    $82,'0', $BC
963 8679 61 86      .WORD    L8661
964 867B 7D 86      ZLESS   .WORD    *+2
965 867D 16 01      ASL      1,X
966 867F 98      TYA
967 8680 2A      ROL      A
968 8681 94 01      STY      1,X
969 8683 95 00      STA      0,X
970 8685 4C 6A 81    JMP      NEXT
971
972                      ;      <
973
974 8688 81 BC      L8688 .BYTE    $81,$BC
975 868A 76 86      .WORD    L8676
976 868C 8E 86      LESS    .WORD    *+2
977 868E 38      SEC
978 868F B5 02      LDA      2,X
979 8691 F5 00      SBC      0,X
980 8693 B5 03      LDA      3,X
981 8695 F5 01      SBC      1,X
982 8697 94 03      STY      3,X
983 8699 50 02      BVC      L869D
984 869B 49 80      EOR      #$80
985 869D 10 01 L869D BPL      L86A0
986 869F C8      INY
987 86A0 94 02 L86A0 STY      2,X
988 86A2 4C DF 82    JMP      POP
989
990                      ;      D<
991
992 86A5 82 44 BC L86A5 .BYTE    $82,'D', $BC
993 86A8 88 86      .WORD    L8688
994 86AA AC 86      DLESS   .WORD    *+2
995 86AC 38      SEC

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996	86AD	B5 06		LDA	6,X
997	86AF	F5 02		SBC	2,X
998	86B1	B5 07		LDA	7,X
999	86B3	F5 03		SBC	3,X
1000	86B5	B5 04		LDA	4,X
1001	86B7	F5 00		SBC	0,X
1002	86B9	B5 05		LDA	5,X
1003	86BB	F5 01		SBC	1,X
1004	86BD	50 02		BVC	L86C1
1005	86BF	49 80		EOR	#\$80
1006	86C1	10 01	L86C1	BPL	L86C4
1007	86C3	C8		INY	
1008	86C4	98	L86C4	TYA	
1009	86C5	A0 04		LDY	#4
1010	86C7	E8	L86C7	INX	
1011	86C8	E8		INX	
1012	86C9	88		DEY	
1013	86CA	D0 FB		BNE	L86C7
1014	86CC	4C 2B 84		JMP	L842B
1015					
1016			;	+	
1017					
1018	86CF	81 AB	L86CF	.BYTE	\$81,\$AB
1019	86D1	A5 86		.WORD	L86A5
1020	86D3	D5 86	PLUS	.WORD	*+2
1021	86D5	18		CLC	
1022	86D6	B5 00		LDA	0,X
1023	86D8	75 02		ADC	2,X
1024	86DA	95 02		STA	2,X
1025	86DC	B5 01		LDA	1,X
1026	86DE	75 03		ADC	3,X
1027	86E0	95 03		STA	3,X
1028	86E2	4C DF 82		JMP	POP
1029					
1030			;	D+	
1031					
1032	86E5	82 44 AB	L86E5	.BYTE	\$82,'D',\$AB
1033	86E8	CF 86		.WORD	L86CF
1034	86EA	EC 86	DPLUS	.WORD	*+2
1035	86EC	18		CLC	
1036	86ED	B5 02		LDA	2,X
1037	86EF	75 06		ADC	6,X
1038	86F1	95 06		STA	6,X
1039	86F3	B5 03		LDA	3,X
1040	86F5	75 07		ADC	7,X
1041	86F7	95 07		STA	7,X
1042	86F9	B5 00		LDA	0,X
1043	86FB	75 04		ADC	4,X
1044	86FD	95 04		STA	4,X
1045	86FF	B5 01		LDA	1,X
1046	8701	75 05		ADC	5,X
1047	8703	95 05		STA	5,X
1048	8705	4C DD 82		JMP	POPTWO
1049					
1050			;	NEGATE	
1051					
1052	8708	86 4E 45	L8708	.BYTE	\$86,'NEGAT',\$C5
	870B	47 41 54			
	870E	C5			
1053	870F	E5 86		.WORD	L86E5
1054	8711	13 87	NEGAT	.WORD	*+2
1055	8713	38		SEC	
1056	8714	98	L8714	TYA	
1057	8715	F5 00		SBC	0,X
1058	8717	95 00		STA	0,X
1059	8719	98		TYA	

1060	871A	F5	01		SBC	1,X
1061	871C	95	01		STA	1,X
1062	871E	4C	6A	81	JMP	NEXT
1063						
1064				;	DNEGATE	
1065						
1066	8721	87	44	4E	L8721	.BYTE \$87,'DNEGAT', \$C5
	8724	45	47	41		
	8727	54	C5			
1067	8729	08	87		.WORD	L8708
1068	872B	2D	87	DNEGAT	.WORD	*+2
1069	872D	38			SEC	
1070	872E	98			TYA	
1071	872F	F5	02		SBC	2,X
1072	8731	95	02		STA	2,X
1073	8733	98			TYA	
1074	8734	F5	03		SBC	3,X
1075	8736	95	03		STA	3,X
1076	8738	4C	14	87	JMP	L8714
1077						
1078				;	DROP	
1079						
1080	873B	84	44	52	L873B	.BYTE \$84,'DRO', \$D0
	873E	4F	D0			
1081	8740	21	87		.WORD	L8721
1082	8742	DF	82	DROP	.WORD	POP
1083						
1084				;	2DROP	
1085						
1086	8744	85	32	44	L8744	.BYTE \$85,'2DRO', \$D0
	8747	52	4F	D0		
1087	874A	3B	87		.WORD	L873B
1088	874C	DD	82	TDROP	.WORD	POPTWO
1089						
1090				;	DUP	
1091						
1092	874E	83	44	55	L874E	.BYTE \$83,'DU', \$D0
	8751	D0				
1093	8752	44	87		.WORD	L8744
1094	8754	56	87	DUPP	.WORD	*+2
1095	8756	B5	00		LDA	0,X
1096	8758	48			PHA	
1097	8759	B5	01		LDA	1,X
1098	875B	4C	63	81	JMP	PUSH
1099						
1100				;	?DUP	
1101						
1102	875E	84	3F	44	L875E	.BYTE \$84,'?DU', \$D0
	8761	55	D0			
1103	8763	4E	87		.WORD	L874E
1104	8765	67	87	QDUP	.WORD	*+2
1105	8767	B5	00		LDA	0,X
1106	8769	15	01		ORA	1,X
1107	876B	D0	E9		BNE	DUPP+2
1108	876D	4C	6A	81	JMP	NEXT
1109						
1110				;	2DUP	
1111						
1112	8770	84	32	44	L8770	.BYTE \$84,'2DU', \$D0
	8773	55	D0			
1113	8775	5E	87		.WORD	L875E
1114	8777	79	87	TDUP	.WORD	*+2
1115	8779	B5	00		LDA	0,X
1116	877B	48			PHA	
1117	877C	B5	01		LDA	1,X
1118	877E	48			PHA	

1119	877F	B5	02		LDA	2,X
1120	8781	48			PHA	
1121	8782	B5	03		LDA	3,X
1122	8784	CA			DEX	
1123	8785	CA			DEX	
1124	8786	95	01		STA	1,X
1125	8788	68			PLA	
1126	8789	95	00		STA	0,X
1127	878B	68			PLA	
1128	878C	4C	63	81	JMP	PUSH
1129						
1130				;	SWAP	
1131						
1132	878F	84	53	57	L878F	.BYTE \$84,'SWA',\$D0
	8792	41	D0			
1133	8794	70	87		.WORD	L8770
1134	8796	98	87	SWAP	.WORD	*+2
1135	8798	B5	02		LDA	2,X
1136	879A	48			PHA	
1137	879B	B5	00		LDA	0,X
1138	879D	95	02		STA	2,X
1139	879F	B5	03		LDA	3,X
1140	87A1	B4	01		LDY	1,X
1141	87A3	94	03		STY	3,X
1142	87A5	4C	65	81	JMP	PUT
1143						
1144				;	2SWAP	
1145						
1146	87A8	85	32	53	L87A8	.BYTE \$85,'2SWA',\$D0
	87AB	57	41	D0		
1147	87AE	8F	87		.WORD	L878F
1148	87B0	B2	87	TSWAP	.WORD	*+2
1149	87B2	B4	06		LDY	6,X
1150	87B4	B5	02		LDA	2,X
1151	87B6	95	06		STA	6,X
1152	87B8	94	02		STY	2,X
1153	87BA	B4	07		LDY	7,X
1154	87BC	B5	03		LDA	3,X
1155	87BE	95	07		STA	7,X
1156	87C0	94	03		STY	3,X
1157	87C2	B5	04		LDA	4,X
1158	87C4	48			PHA	
1159	87C5	B5	00		LDA	0,X
1160	87C7	95	04		STA	4,X
1161	87C9	B5	05		LDA	5,X
1162	87CB	B4	01		LDY	1,X
1163	87CD	94	05		STY	5,X
1164	87CF	4C	65	81	JMP	PUT
1165						
1166				;	OVER	
1167						
1168	87D2	84	4F	56	L87D2	.BYTE \$84,'OVE',\$D2
	87D5	45	D2			
1169	87D7	A8	87		.WORD	L87A8
1170	87D9	DB	87	OVER	.WORD	*+2
1171	87DB	B5	02		LDA	2,X
1172	87DD	48			PHA	
1173	87DE	B5	03		LDA	3,X
1174	87E0	4C	63	81	JMP	PUSH
1175						
1176				;	2OVER	
1177						
1178	87E3	85	32	4F	L87E3	.BYTE \$85,'2OVE',\$D2
	87E6	56	45	D2		
1179	87E9	D2	87		.WORD	L87D2
1180	87EB	ED	87	TOVER	.WORD	*+2

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1181 87ED B5 04 LDA 4,X
1182 87EF 48 PHA
1183 87F0 B5 05 LDA 5,X
1184 87F2 CA DEX
1185 87F3 CA DEX
1186 87F4 B4 09 LDY 9,X
1187 87F6 94 01 STY 1,X
1188 87F8 B4 08 LDY 8,X
1189 87FA 94 00 STY 0,X
1190 87FC 4C 63 81 JMP PUSH
1191
1192 ; ROT
1193
1194 87FF 83 52 4F L87FF .BYTE $83,'RO',$D4
      8802 D4
1195 8803 E3 87 .WORD L87E3
1196 8805 07 88 ROT .WORD *+2
1197 8807 B5 04 LDA 4,X
1198 8809 48 PHA
1199 880A B4 05 LDY 5,X
1200 880C B5 03 LDA 3,X
1201 880E 95 05 STA 5,X
1202 8810 B5 02 LDA 2,X
1203 8812 95 04 STA 4,X
1204 8814 B5 01 LDA 1,X
1205 8816 95 03 STA 3,X
1206 8818 B5 00 LDA 0,X
1207 881A 95 02 STA 2,X
1208 881C 98 TYA
1209 881D 4C 65 81 JMP PUT
1210
1211 ; TRAVERSE
1212
1213 8820 88 54 52 L8820 .BYTE $88,'TRAVERS',$C5
      8823 41 56 45
      8826 52 53 C5
1214 8829 FF 87 .WORD L87FF
1215 882B 2D 88 TRAV .WORD *+2
1216 882D 18 CLC
1217 882E B5 00 LDA 0,X
1218 8830 75 02 ADC 2,X
1219 8832 95 02 STA 2,X
1220 8834 B5 01 LDA 1,X
1221 8836 75 03 ADC 3,X
1222 8838 95 03 STA 3,X
1223 883A A1 02 LDA (2,X)
1224 883C C9 80 CMP #$80
1225 883E 30 ED BMI TRAV+2
1226 8840 4C DF 82 JMP POP
1227
1228 ; PAGE
1229
1230 8843 84 50 41 L8843 .BYTE $84,'PAG',$C5
      8846 47 C5
1231 8848 20 88 .WORD L8820
1232 884A 4C 88 PAGE .WORD *+2
1233 884C 86 68 STX XSAVE
1234 884E A9 83 LDA #$83
1235 8850 20 F4 FF JSR $FFF4
1236 8853 8A TXA
1237 8854 48 PHA
1238 8855 98 TYA
1239 8856 A6 68 LDX XSAVE
1240 8858 4C 63 81 JMP PUSH
1241
1242 ; HIMEM

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1243
1244 885B 85 48 49 L885B .BYTE $85,'HIME',$CD
      885E 4D 45 CD
1245 8861 43 88 .WORD L8843
1246 8863 65 88 HIMEM .WORD *+2
1247 8865 86 68 STX XSAVE
1248 8867 A9 84 LDA #$84
1249 8869 20 F4 FF JSR $FFF4
1250 886C 8A TXA
1251 886D 48 PHA
1252 886E 98 TYA
1253 886F A6 68 LDX XSAVE
1254 8871 4C 63 81 JMP PUSH
1255
1256 ; ?FILE
1257
1258 8874 85 3F 46 L8874 .BYTE $85,'?FIL',$C5
      8877 49 4C C5
1259 887A 5B 88 .WORD L885B
1260 887C 7E 88 QFILE .WORD *+2
1261 887E 98 TYA
1262 887F 20 DA FF JSR $FFDA
1263 8882 4C 2B 84 JMP L842B
1264
1265 ; C@
1266
1267 8885 82 43 C0 L8885 .BYTE $82,'C',$C0
1268 8888 74 88 .WORD L8874
1269 888A 8C 88 CAT .WORD *+2
1270 888C A1 00 LDA (0,X)
1271 888E 95 00 STA 0,X
1272 8890 94 01 STY 1,X
1273 8892 4C 6A 81 JMP NEXT
1274
1275 ; @
1276
1277 8895 81 C0 L8895 .BYTE $81,$C0
1278 8897 85 88 .WORD L8885
1279 8899 9B 88 AT .WORD *+2
1280 889B A1 00 LDA (0,X)
1281 889D 48 PHA
1282 889E F6 00 INC 0,X
1283 88A0 D0 02 BNE L88A4
1284 88A2 F6 01 INC 1,X
1285 88A4 A1 00 L88A4 LDA (0,X)
1286 88A6 4C 65 81 JMP PUT
1287
1288 ; C!
1289
1290 88A9 82 43 A1 L88A9 .BYTE $82,'C',$A1
1291 88AC 95 88 .WORD L8895
1292 88AE B0 88 CSTOR .WORD *+2
1293 88B0 B5 02 LDA 2,X
1294 88B2 81 00 STA (0,X)
1295 88B4 4C DD 82 JMP POPTWO
1296
1297 ; !
1298
1299 88B7 81 A1 L88B7 .BYTE $81,$A1
1300 88B9 A9 88 .WORD L88A9
1301 88BB BD 88 STORE .WORD *+2
1302 88BD B5 02 LDA 2,X
1303 88BF 81 00 STA (0,X)
1304 88C1 F6 00 INC 0,X
1305 88C3 D0 02 BNE L88C7
1306 88C5 F6 01 INC 1,X

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1307 88C7 B5 03      L88C7 LDA      3,X
1308 88C9 81 00      STA      (0,X)
1309 88CB 4C DD 82    JMP      POPTWO
1310
1311                ;      +!
1312
1313 88CE 82 2B A1    L88CE .BYTE    $82,'+', $A1
1314 88D1 B7 88      .WORD    L88B7
1315 88D3 D5 88      PSTOR    .WORD    *+2
1316 88D5 18          CLC
1317 88D6 A1 00      LDA      (0,X)
1318 88D8 75 02      ADC      2,X
1319 88DA 81 00      STA      (0,X)
1320 88DC F6 00      INC      0,X
1321 88DE D0 02      BNE      L88E2
1322 88E0 F6 01      INC      1,X
1323 88E2 A1 00      L88E2 LDA      (0,X)
1324 88E4 75 03      ADC      3,X
1325 88E6 81 00      STA      (0,X)
1326 88E8 4C DD 82    JMP      POPTWO
1327
1328                ;      TOGGLE
1329
1330 88EB 86 54 4F    L88EB .BYTE    $86,'TOGGL', $C5
      88EE 47 47 4C
      88F1 C5
1331 88F2 CE 88      .WORD    L88CE
1332 88F4 F6 88      TOGGL .WORD    *+2
1333 88F6 A1 02      LDA      (2,X)
1334 88F8 55 00      EOR      0,X
1335 88FA 81 02      STA      (2,X)
1336 88FC 4C DD 82    JMP      POPTWO
1337
1338                ;      R:
1339
1340 88FF 82 52 BA    L88FF .BYTE    $82,'R', $BA
1341 8902 EB 88      .WORD    L88EB
1342 8904 18 89      RCOLON .WORD    DOCOL
1343 8906 5C 8C      .WORD    QEXEC
1344 8908 17 8C      .WORD    SCSP
1345 890A A5 8A      .WORD    CURR
1346 890C 99 88      .WORD    AT
1347 890E 98 8A      .WORD    CONT
1348 8910 BB 88      .WORD    STORE
1349 8912 46 06      .WORD    CREAT
1350 8914 F9 8C      .WORD    RBRAC
1351 8916 72 8D      .WORD    PSCOD
1352 8918 A5 6D      DOCOL LDA      IP+1
1353 891A 48          PHA
1354 891B A5 6C      LDA      IP
1355 891D 48          PHA
1356 891E 18          CLC
1357 891F A5 6A      LDA      W
1358 8921 69 02      ADC      #2
1359 8923 85 6C      STA      IP
1360 8925 98          TYA
1361 8926 65 6B      ADC      W+1
1362 8928 85 6D      STA      IP+1
1363 892A 4C 6A 81    JMP      NEXT
1364
1365                ;      R;
1366
1367 892D C2 52 BB    L892D .BYTE    $C2,'R', $BB
1368 8930 FF 88      .WORD    L88FF
1369 8932 18 89      RSEMI .WORD    DOCOL
1370 8934 86 8C      .WORD    QCSP

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1371 8936 D5 8C .WORD COMP
1372 8938 EE 85 .WORD EXIT
1373 893A EB 8C .WORD LBRAC
1374 893C EE 85 .WORD EXIT
1375
1376 ; CONSTANT
1377
1378 893E 88 43 4F L893E .BYTE $88,'CONSTAN',$D4
      8941 4E 53 54
      8944 41 4E D4
1379 8947 2D 89 .WORD L892D
1380 8949 18 89 CONST .WORD DOCOL
1381 894B 46 06 .WORD CREAT
1382 894D 48 8B .WORD COMMA
1383 894F 72 8D .WORD PSCOD
1384 8951 A0 02 DOCON LDY #2
1385 8953 B1 6A LDA (W),Y
1386 8955 48 PHA
1387 8956 C8 INY
1388 8957 B1 6A LDA (W),Y
1389 8959 4C 63 81 JMP PUSH
1390
1391 ; VARIABLE
1392
1393 895C 88 56 41 L895C .BYTE $88,'VARIABL',$C5
      895F 52 49 41
      8962 42 4C C5
1394 8965 3E 89 .WORD L893E
1395 8967 18 89 VAR .WORD DOCOL
1396 8969 46 06 .WORD CREAT
1397 896B AF 89 .WORD ZERO
1398 896D 48 8B .WORD COMMA
1399 896F 72 8D .WORD PSCOD
1400 8971 18 DOVAR CLC
1401 8972 A5 6A LDA W
1402 8974 69 02 ADC #2
1403 8976 48 PHA
1404 8977 98 TYA
1405 8978 65 6B ADC W+1
1406 897A 4C 63 81 JMP PUSH
1407
1408 ; USER
1409
1410 897D 84 55 53 L897D .BYTE $84,'USE',$D2
      8980 45 D2
1411 8982 5C 89 .WORD L895C
1412 8984 18 89 USER .WORD DOCOL
1413 8986 49 89 .WORD CONST
1414 8988 72 8D .WORD PSCOD
1415 898A A0 02 DOUSE LDY #2
1416 898C 18 CLC
1417 898D B1 6A LDA (W),Y
1418 898F 65 6E ADC UP
1419 8991 48 PHA
1420 8992 A9 00 LDA #0
1421 8994 65 6F ADC UP+1
1422 8996 4C 63 81 JMP PUSH
1423
1424 ; -2
1425
1426 8999 82 2D B2 L8999 .BYTE $82,'-', $B2
1427 899C 7D 89 .WORD L897D
1428 899E 51 89 NEG TWO .WORD DOCON
1429 89A0 FE FF .WORD -2
1430
1431 ; -1

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1432
1433 89A2 82 2D B1 L89A2 .BYTE $82,'-', $B1
1434 89A5 99 89 .WORD L8999
1435 89A7 51 89 TRUE .WORD DOCON
1436 89A9 FF FF .WORD -1
1437
1438 ; 0
1439
1440 89AB 81 B0 L89AB .BYTE $81,$B0
1441 89AD A2 89 .WORD L89A2
1442 89AF 51 89 ZERO .WORD DOCON
1443 89B1 00 00 .WORD 0
1444
1445 ; 1
1446
1447 89B3 81 B1 L89B3 .BYTE $81,$B1
1448 89B5 AB 89 .WORD L89AB
1449 89B7 51 89 ONE .WORD DOCON
1450 89B9 01 00 .WORD 1
1451
1452 ; 2
1453
1454 89BB 81 B2 L89BB .BYTE $81,$B2
1455 89BD B3 89 .WORD L89B3
1456 89BF 51 89 TWO .WORD DOCON
1457 89C1 02 00 .WORD 2
1458
1459 ; BL
1460
1461 89C3 82 42 CC L89C3 .BYTE $82,'B', $CC
1462 89C6 BB 89 .WORD L89BB
1463 89C8 51 89 BLL .WORD DOCON
1464 89CA 20 00 .WORD $20
1465
1466 ; C/L
1467
1468 89CC 83 43 2F L89CC .BYTE $83,'C/', $CC
      89CF CC
1469 89D0 C3 89 .WORD L89C3
1470 89D2 51 89 CSLL .WORD DOCON
1471 89D4 40 00 .WORD 64
1472
1473 ; PAD
1474
1475 89D6 83 50 41 L89D6 .BYTE $83,'PA', $C4
      89D9 C4
1476 89DA CC 89 .WORD L89CC
1477 89DC 51 89 PAD .WORD DOCON
1478 89DE C0 05 .WORD PADD
1479
1480 ; B/BUF
1481
1482 89E0 85 42 2F L89E0 .BYTE $85,'B/BU', $C6
      89E3 42 55 C6
1483 89E6 31 06 .WORD LA01C-REL
1484 89E8 51 89 BBUF .WORD DOCON
1485 89EA 00 04 .WORD BLKSIZ
1486
1487 ; B/SCR
1488
1489 89EC 85 42 2F L89EC .BYTE $85,'B/SC', $D2
      89EF 53 43 D2
1490 89F2 E0 89 .WORD L89E0
1491 89F4 51 89 BSCR .WORD DOCON
1492 89F6 01 00 .WORD 1
1493

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1494          ;          +ORIGIN
1495
1496 89F8 87 2B 4F L89F8 .BYTE $87,'+ORIGI',$CE
      89FB 52 49 47
      89FE 49 CE
1497 8A00 EC 89          .WORD L89EC
1498 8A02 18 89          PORIG .WORD DOCOL
1499 8A04 50 81          .WORD LIT,ORIG
      8A06 00 81
1500 8A08 D3 86          .WORD PLUS
1501 8A0A EE 85          .WORD EXIT
1502
1503          ;          S0
1504
1505 8A0C 82 53 B0 L8A0C .BYTE $82,'S',$B0
1506 8A0F F8 89          .WORD L89F8
1507 8A11 8A 89          SZERO .WORD DOUSE
1508 8A13 06              .BYTE 6
1509
1510          ;          R0
1511
1512 8A14 82 52 B0 L8A14 .BYTE $82,'R',$B0
1513 8A17 0C 8A          .WORD L8A0C
1514 8A19 8A 89          RZERO .WORD DOUSE
1515 8A1B 08              .BYTE 8
1516
1517          ;          TIB
1518
1519 8A1C 83 54 49 L8A1C .BYTE $83,'TI',$C2
      8A1F C2
1520 8A20 14 8A          .WORD L8A14
1521 8A22 8A 89          TIB   .WORD DOUSE
1522 8A24 0A              .BYTE $A
1523
1524          ;          WIDTH
1525
1526 8A25 85 57 49 L8A25 .BYTE $85,'WIDT',$C8
      8A28 44 54 C8
1527 8A2B 1C 8A          .WORD L8A1C
1528 8A2D 8A 89          WIDTH .WORD DOUSE
1529 8A2F 0C              .BYTE $C
1530
1531          ;          WARNING
1532
1533 8A30 87 57 41 L8A30 .BYTE $87,'WARNIN',$C7
      8A33 52 4E 49
      8A36 4E C7
1534 8A38 25 8A          .WORD L8A25
1535 8A3A 8A 89          WARN   .WORD DOUSE
1536 8A3C 0E              .BYTE $E
1537
1538          ;          FENCE
1539
1540 8A3D 85 46 45 L8A3D .BYTE $85,'FENC',$C5
      8A40 4E 43 C5
1541 8A43 30 8A          .WORD L8A30
1542 8A45 8A 89          FENCE .WORD DOUSE
1543 8A47 10              .BYTE $10
1544
1545          ;          DP
1546
1547 8A48 82 44 D0 L8A48 .BYTE $82,'D',$D0
1548 8A4B 3D 8A          .WORD L8A3D
1549 8A4D 8A 89          DP     .WORD DOUSE
1550 8A4F 12              .BYTE $12
1551

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1552                                ;      VOC-LINK
1553
1554      8A50  88 56 4F  L8A50  .BYTE  $88,'VOC-LIN',$CB
           8A53      43 2D 4C
           8A56      49 4E CB
1555      8A59  48 8A      .WORD  L8A48
1556      8A5B  8A 89      VOCL  .WORD  DOUSE
1557      8A5D  14          .BYTE  $14
1558
1559                                ;      BLK
1560
1561      8A5E  83 42 4C  L8A5E  .BYTE  $83,'BL',$CB
           8A61      CB
1562      8A62  50 8A      .WORD  L8A50
1563      8A64  8A 89      BLK   .WORD  DOUSE
1564      8A66  16          .BYTE  $16
1565
1566                                ;      >IN
1567
1568      8A67  83 3E 49  L8A67  .BYTE  $83,'>I',$CE
           8A6A      CE
1569      8A6B  5E 8A      .WORD  L8A5E
1570      8A6D  8A 89      INN   .WORD  DOUSE
1571      8A6F  18          .BYTE  $18
1572
1573                                ;      QOUT
1574
1575      8A70  83 4F 55  L8A70  .BYTE  $83,'OU',$D4
           8A73      D4
1576      8A74  67 8A      .WORD  L8A67
1577      8A76  8A 89      OUT   .WORD  DOUSE
1578      8A78  1A          .BYTE  $1A
1579
1580                                ;      SCR
1581
1582      8A79  83 53 43  L8A79  .BYTE  $83,'SC',$D2
           8A7C      D2
1583      8A7D  70 8A      .WORD  L8A70
1584      8A7F  8A 89      SCR   .WORD  DOUSE
1585      8A81  1C          .BYTE  $1C
1586
1587                                ;      OFFSET
1588
1589      8A82  86 4F 46  L8A82  .BYTE  $86,'OFFSE',$D4
           8A85      46 53 45
           8A88      D4
1590      8A89  79 8A      .WORD  L8A79
1591      8A8B  8A 89      OFFSE .WORD  DOUSE
1592      8A8D  1E          .BYTE  $1E
1593
1594                                ;      CONTEXT
1595
1596      8A8E  87 43 4F  L8A8E  .BYTE  $87,'CONTEX',$D4
           8A91      4E 54 45
           8A94      58 D4
1597      8A96  82 8A      .WORD  L8A82
1598      8A98  8A 89      CONT  .WORD  DOUSE
1599      8A9A  20          .BYTE  $20
1600
1601                                ;      CURRENT
1602
1603      8A9B  87 43 55  L8A9B  .BYTE  $87,'CURREN',$D4
           8A9E      52 52 45
           8AA1      4E D4
1604      8AA3  8E 8A      .WORD  L8A8E
1605      8AA5  8A 89      CURR  .WORD  DOUSE

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1606	8AA7	22				.BYTE	\$22
1607							
1608						STATE	
1609							
1610	8AA8	85	53	54	L8AA8	.BYTE	\$85,'STAT',\$C5
	8AAB	41	54	C5			
1611	8AAE	9B	8A			.WORD	L8A9B
1612	8AB0	8A	89		STATE	.WORD	DOUSE
1613	8AB2	24				.BYTE	\$24
1614							
1615						BASE	
1616							
1617	8AB3	84	42	41	L8AB3	.BYTE	\$84,'BAS',\$C5
	8AB6	53	C5				
1618	8AB8	A8	8A			.WORD	L8AA8
1619	8ABA	8A	89		BASE	.WORD	DOUSE
1620	8ABC	26				.BYTE	\$26
1621							
1622						DPL	
1623							
1624	8ABD	83	44	50	L8ABD	.BYTE	\$83,'DP',\$CC
	8AC0	CC					
1625	8AC1	B3	8A			.WORD	L8AB3
1626	8AC3	8A	89		DPL	.WORD	DOUSE
1627	8AC5	28				.BYTE	\$28
1628							
1629						CSP	
1630							
1631	8AC6	83	43	53	L8AC6	.BYTE	\$83,'CS',\$D0
	8AC9	D0					
1632	8ACA	BD	8A			.WORD	L8ABD
1633	8ACC	8A	89		CSP	.WORD	DOUSE
1634	8ACE	2C				.BYTE	\$2C
1635							
1636						R#	
1637							
1638	8ACF	82	52	A3	L8ACF	.BYTE	\$82,'R',\$A3
1639	8AD2	C6	8A			.WORD	L8AC6
1640	8AD4	8A	89		RNUM	.WORD	DOUSE
1641	8AD6	2E				.BYTE	\$2E
1642							
1643						HLD	
1644							
1645	8AD7	83	48	4C	L8AD7	.BYTE	\$83,'HL',\$C4
	8ADA	C4					
1646	8ADB	CF	8A			.WORD	L8ACF
1647	8ADD	8A	89		HLD	.WORD	DOUSE
1648	8ADF	30				.BYTE	\$30
1649							
1650						1+	
1651							
1652	8AE0	82	31	AB	L8AE0	.BYTE	\$82,'1',\$AB
1653	8AE3	D7	8A			.WORD	L8AD7
1654	8AE5	18	89		ONEP	.WORD	DOCOL
1655	8AE7	B7	89			.WORD	ONE
1656	8AE9	D3	86			.WORD	PLUS
1657	8AEB	EE	85			.WORD	EXIT
1658							
1659						2+	
1660							
1661	8AED	82	32	AB	L8AED	.BYTE	\$82,'2',\$AB
1662	8AF0	E0	8A			.WORD	L8AE0
1663	8AF2	18	89		TWOP	.WORD	DOCOL
1664	8AF4	BF	89			.WORD	TWO
1665	8AF6	D3	86			.WORD	PLUS
1666	8AF8	EE	85			.WORD	EXIT

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1667
1668 8AFA 00 .BYTE 0
1669
1670 ; 1-
1671
1672 8AFB 82 31 AD L8AFB .BYTE $82,'1',$AD
1673 8AFE ED 8A .WORD L8AED
1674 8B00 18 89 ONESUB .WORD DOCOL
1675 8B02 A7 89 .WORD TRUE
1676 8B04 D3 86 .WORD PLUS
1677 8B06 EE 85 .WORD EXIT
1678
1679 ; 2-
1680
1681 8B08 82 32 AD L8B08 .BYTE $82,'2',$AD
1682 8B0B FB 8A .WORD L8AFB
1683 8B0D 18 89 TWOSUB .WORD DOCOL
1684 8B0F 9E 89 .WORD NEG TWO
1685 8B11 D3 86 .WORD PLUS
1686 8B13 EE 85 .WORD EXIT
1687
1688 ; HERE
1689
1690 8B15 84 48 45 L8B15 .BYTE $84,'HER',$C5
      8B18 52 C5
1691 8B1A 08 8B .WORD L8B08
1692 8B1C 18 89 HERE .WORD DOCOL
1693 8B1E 4D 8A .WORD DP
1694 8B20 99 88 .WORD AT
1695 8B22 EE 85 .WORD EXIT
1696
1697 ; ALLOT
1698
1699 8B24 85 41 4C L8B24 .BYTE $85,'ALLO',$D4
      8B27 4C 4F D4
1700 8B2A 15 8B .WORD L8B15
1701 8B2C 18 89 ALLOT .WORD DOCOL
1702 8B2E 4D 8A .WORD DP
1703 8B30 D3 88 .WORD PSTOR
1704 8B32 EE 85 .WORD EXIT
1705
1706 ; SPACE
1707
1708 8B34 85 53 50 L8B34 .BYTE $85,'SPAC',$C5
      8B37 41 43 C5
1709 8B3A 24 8B .WORD L8B24
1710 8B3C 18 89 SPACE .WORD DOCOL
1711 8B3E C8 89 .WORD BLL
1712 8B40 17 06 .WORD EMIT
1713 8B42 EE 85 .WORD EXIT
1714
1715 ; ,
1716
1717 8B44 81 AC L8B44 .BYTE $81,$AC
1718 8B46 34 8B .WORD L8B34
1719 8B48 18 89 COMMA .WORD DOCOL
1720 8B4A 1C 8B .WORD HERE
1721 8B4C BB 88 .WORD STORE
1722 8B4E BF 89 .WORD TWO
1723 8B50 2C 8B .WORD ALLOT
1724 8B52 EE 85 .WORD EXIT
1725
1726 ; C,
1727
1728 8B54 82 43 AC L8B54 .BYTE $82,'C',$AC
1729 8B57 44 8B .WORD L8B44

```

1730	8B59	18	89		CCOMM	.WORD	DOCOL
1731	8B5B	1C	8B			.WORD	HERE
1732	8B5D	AE	88			.WORD	CSTOR
1733	8B5F	B7	89			.WORD	ONE
1734	8B61	2C	8B			.WORD	ALLOT
1735	8B63	EE	85			.WORD	EXIT
1736							
1737					;	LAST	
1738							
1739	8B65	84	4C	41	L8B65	.BYTE	\$84,'LAS', \$D4
	8B68	53	D4				
1740	8B6A	54	8B			.WORD	L8B54
1741	8B6C	18	89		LAST	.WORD	DOCOL
1742	8B6E	A5	8A			.WORD	CURR
1743	8B70	99	88			.WORD	AT
1744	8B72	99	88			.WORD	AT
1745	8B74	EE	85			.WORD	EXIT
1746							
1747					;	SMUDGE	
1748							
1749	8B76	86	53	4D	L8B76	.BYTE	\$86,'SMUDG', \$C5
	8B79	55	44	47			
	8B7C	C5					
1750	8B7D	65	8B			.WORD	L8B65
1751	8B7F	18	89		SMUDG	.WORD	DOCOL
1752	8B81	6C	8B			.WORD	LAST
1753	8B83	50	81			.WORD	LIT, \$20
	8B85	20	00				
1754	8B87	F4	88			.WORD	TOGGL
1755	8B89	EE	85			.WORD	EXIT
1756							
1757					;	-	
1758							
1759	8B8B	81	AD		L8B8B	.BYTE	\$81, \$AD
1760	8B8D	76	8B			.WORD	L8B76
1761	8B8F	18	89		SUBB	.WORD	DOCOL
1762	8B91	11	87			.WORD	NEGAT
1763	8B93	D3	86			.WORD	PLUS
1764	8B95	EE	85			.WORD	EXIT
1765							
1766					;	=	
1767							
1768	8B97	81	BD		L8B97	.BYTE	\$81, \$BD
1769	8B99	8B	8B			.WORD	L8B8B
1770	8B9B	18	89		EQUAL	.WORD	DOCOL
1771	8B9D	8F	8B			.WORD	SUBB
1772	8B9F	66	86			.WORD	ZEQU
1773	8BA1	EE	85			.WORD	EXIT
1774							
1775					;	>	
1776							
1777	8BA3	81	BE		L8BA3	.BYTE	\$81, \$BE
1778	8BA5	97	8B			.WORD	L8B97
1779	8BA7	18	89		GREAT	.WORD	DOCOL
1780	8BA9	96	87			.WORD	SWAP
1781	8BAB	8C	86			.WORD	LESS
1782	8BAD	EE	85			.WORD	EXIT
1783							
1784					;	U<	
1785							
1786	8BAF	82	55	BC	L8BAF	.BYTE	\$82,'U', \$BC
1787	8BB2	A3	8B			.WORD	L8BA3
1788	8BB4	18	89		ULESS	.WORD	DOCOL
1789	8BB6	AF	89			.WORD	ZERO
1790	8BB8	96	87			.WORD	SWAP
1791	8BBA	AF	89			.WORD	ZERO

1792	8BBC	AA	86			.WORD	DLESS
1793	8BBE	EE	85			.WORD	EXIT
1794							
1795							
1796							
1797	8BC0	83	4C	46	L8BC0	.BYTE	\$83,'LF',\$C1
	8BC3	C1					
1798	8BC4	AF	8B			.WORD	L8BAF
1799	8BC6	18	89		LFA	.WORD	DOCOL
1800	8BC8	50	81			.WORD	LIT,4
	8BCA	04	00				
1801	8BCC	8F	8B			.WORD	SUBB
1802	8BCE	EE	85			.WORD	EXIT
1803							
1804							
1805							
1806	8BD0	83	4E	46	L8BD0	.BYTE	\$83,'NF',\$C1
	8BD3	C1					
1807	8BD4	C0	8B			.WORD	L8BC0
1808	8BD6	18	89		NFA	.WORD	DOCOL
1809	8BD8	50	81			.WORD	LIT,5
	8BDA	05	00				
1810	8BDC	8F	8B			.WORD	SUBB
1811	8BDE	A7	89			.WORD	TRUE
1812	8BE0	2B	88			.WORD	TRAV
1813	8BE2	EE	85			.WORD	EXIT
1814							
1815							
1816							
1817	8BE4	83	43	46	L8BE4	.BYTE	\$83,'CF',\$C1
	8BE7	C1					
1818	8BE8	D0	8B			.WORD	L8BD0
1819	8BEA	18	89		CFA	.WORD	DOCOL
1820	8BEC	0D	8B			.WORD	TWOSUB
1821	8BEE	EE	85			.WORD	EXIT
1822							
1823							
1824							
1825	8BF0	83	50	46	L8BF0	.BYTE	\$83,'PF',\$C1
	8BF3	C1					
1826	8BF4	E4	8B			.WORD	L8BE4
1827	8BF6	18	89		PFA	.WORD	DOCOL
1828	8BF8	B7	89			.WORD	ONE
1829	8BFA	2B	88			.WORD	TRAV
1830	8BFC	50	81			.WORD	LIT,5
	8BFE	05	00				
1831	8C00	D3	86			.WORD	PLUS
1832	8C02	EE	85			.WORD	EXIT
1833							
1834							
1835							
1836	8C04	83	4E	4F	L8C04	.BYTE	\$83,'NO',\$D4
	8C07	D4					
1837	8C08	F0	8B			.WORD	L8BF0
1838	8C0A	18	89		NOT	.WORD	DOCOL
1839	8C0C	66	86			.WORD	ZEQU
1840	8C0E	EE	85			.WORD	EXIT
1841							
1842							
1843							
1844	8C10	84	21	43	L8C10	.BYTE	\$84,'!CS',\$D0
	8C13	53	D0				
1845	8C15	04	8C			.WORD	L8C04
1846	8C17	18	89		SCSP	.WORD	DOCOL
1847	8C19	28	84			.WORD	SPAT
1848	8C1B	CC	8A			.WORD	CSP

1849	8C1D	BB	88			.WORD	STORE
1850	8C1F	EE	85			.WORD	EXIT
1851							
1852					;	?ERROR	
1853							
1854	8C21	86	3F	45	L8C21	.BYTE	\$86,'?ERRO',\$D2
	8C24	52	52	4F			
	8C27	D2					
1855	8C28	10	8C			.WORD	L8C10
1856	8C2A	18	89		QERR	.WORD	DOCOL
1857	8C2C	96	87			.WORD	SWAP
1858	8C2E	FE	81			.WORD	ZBRAN,8
	8C30	08	00				
1859	8C32	EC	90			.WORD	ERROR
1860	8C34	DD	81			.WORD	BRAN,4
	8C36	04	00				
1861	8C38	42	87			.WORD	DROP
1862	8C3A	EE	85			.WORD	EXIT
1863							
1864					;	?COMP	
1865							
1866	8C3C	85	3F	43	L8C3C	.BYTE	\$85,'?COM',\$D0
	8C3F	4F	4D	D0			
1867	8C42	21	8C			.WORD	L8C21
1868	8C44	18	89		QCOMP	.WORD	DOCOL
1869	8C46	B0	8A			.WORD	STATE
1870	8C48	99	88			.WORD	AT
1871	8C4A	66	86			.WORD	ZEQU
1872	8C4C	50	81			.WORD	LIT,17
	8C4E	11	00				
1873	8C50	2A	8C			.WORD	QERR
1874	8C52	EE	85			.WORD	EXIT
1875							
1876					;	?EXEC	
1877							
1878	8C54	85	3F	45	L8C54	.BYTE	\$85,'?EXE',\$C3
	8C57	58	45	C3			
1879	8C5A	3C	8C			.WORD	L8C3C
1880	8C5C	18	89		QEXEC	.WORD	DOCOL
1881	8C5E	B0	8A			.WORD	STATE
1882	8C60	99	88			.WORD	AT
1883	8C62	50	81			.WORD	LIT,18
	8C64	12	00				
1884	8C66	2A	8C			.WORD	QERR
1885	8C68	EE	85			.WORD	EXIT
1886							
1887					;	?PAIRS	
1888							
1889	8C6A	86	3F	50	L8C6A	.BYTE	\$86,'?PAIR',\$D3
	8C6D	41	49	52			
	8C70	D3					
1890	8C71	54	8C			.WORD	L8C54
1891	8C73	18	89		QPAIR	.WORD	DOCOL
1892	8C75	8F	8B			.WORD	SUBB
1893	8C77	50	81			.WORD	LIT,19
	8C79	13	00				
1894	8C7B	2A	8C			.WORD	QERR
1895	8C7D	EE	85			.WORD	EXIT
1896							
1897					;	?CSP	
1898							
1899	8C7F	84	3F	43	L8C7F	.BYTE	\$84,'?CS',\$D0
	8C82	53	D0				
1900	8C84	6A	8C			.WORD	L8C6A
1901	8C86	18	89		QCSP	.WORD	DOCOL
1902	8C88	28	84			.WORD	SPAT

1903	8C8A	CC	8A			.WORD	CSP
1904	8C8C	99	88			.WORD	AT
1905	8C8E	8F	8B			.WORD	SUBB
1906	8C90	50	81			.WORD	LIT,20
	8C92	14	00				
1907	8C94	2A	8C			.WORD	QERR
1908	8C96	EE	85			.WORD	EXIT
1909							
1910					;	?LOADING	
1911							
1912	8C98	88	3F	4C	L8C98	.BYTE	\$88,'?LOADIN',\$C7
	8C9B	4F	41	44			
	8C9E	49	4E	C7			
1913	8CA1	7F	8C			.WORD	L8C7F
1914	8CA3	18	89		QLOAD	.WORD	DOCOL
1915	8CA5	64	8A			.WORD	BLK
1916	8CA7	99	88			.WORD	AT
1917	8CA9	66	86			.WORD	ZEQU
1918	8CAB	50	81			.WORD	LIT,22
	8CAD	16	00				
1919	8CAF	2A	8C			.WORD	QERR
1920	8CB1	EE	85			.WORD	EXIT
1921							
1922					;	IMMEDIATE	
1923							
1924	8CB3	89	49	4D	L8CB3	.BYTE	\$89,'IMMEDIAT',\$C5
	8CB6	4D	45	44			
	8CB9	49	41	54			
	8CBC			C5			
1925	8CBD	98	8C			.WORD	L8C98
1926	8CBF	18	89		IMMED	.WORD	DOCOL
1927	8CC1	6C	8B			.WORD	LAST
1928	8CC3	50	81			.WORD	LIT,\$40
	8CC5	40	00				
1929	8CC7	F4	88			.WORD	TOGGL
1930	8CC9	EE	85			.WORD	EXIT
1931							
1932					;	COMPILE	
1933							
1934	8CCB	87	43	4F	L8CCB	.BYTE	\$87,'COMPIL',\$C5
	8CCE	4D	50	49			
	8CD1	4C		C5			
1935	8CD3	B3	8C			.WORD	L8CB3
1936	8CD5	18	89		COMP	.WORD	DOCOL
1937	8CD7	44	8C			.WORD	QCOMP
1938	8CD9	24	86			.WORD	RFROM
1939	8CDB	54	87			.WORD	DUPP
1940	8CDD	F2	8A			.WORD	TWOP
1941	8CDF	14	86			.WORD	TOR
1942	8CE1	99	88			.WORD	AT
1943	8CE3	48	8B			.WORD	COMMA
1944	8CE5	EE	85			.WORD	EXIT
1945							
1946					;	[
1947							
1948	8CE7	C1	DB		L8CE7	.BYTE	\$C1,\$DB
1949	8CE9	CB	8C			.WORD	L8CCB
1950	8CEB	18	89		LBRAC	.WORD	DOCOL
1951	8CED	AF	89			.WORD	ZERO
1952	8CEF	B0	8A			.WORD	STATE
1953	8CF1	BB	88			.WORD	STORE
1954	8CF3	EE	85			.WORD	EXIT
1955							
1956					;]	
1957							
1958	8CF5	81	DD		L8CF5	.BYTE	\$81,\$DD

1959	8CF7	E7	8C			.WORD	L8CE7
1960	8CF9	18	89	RBRAC		.WORD	DOCOL
1961	8CFB	50	81			.WORD	LIT,\$C0
	8CFD	C0	00				
1962	8CFF	B0	8A			.WORD	STATE
1963	8D01	BB	88			.WORD	STORE
1964	8D03	EE	85			.WORD	EXIT
1965							
1966				;		NOOP	
1967							
1968	8D05	84	4E	4F	L8D05	.BYTE	\$84,'NOO',\$D0
	8D08	4F	D0				
1969	8D0A	F5	8C			.WORD	L8CF5
1970	8D0C	18	89	NOOP		.WORD	DOCOL
1971	8D0E	EE	85			.WORD	EXIT
1972							
1973				;		?TAB	
1974							
1975	8D10	84	3F	54	L8D10	.BYTE	\$84,'?TA',\$C2
	8D13	41	C2				
1976	8D15	05	8D			.WORD	L8D05
1977	8D17	18	89	QTAB		.WORD	DOCOL
1978	8D19	50	81			.WORD	LIT,\$FF9F
	8D1B	9F	FF				
1979	8D1D	96	85			.WORD	QKEY
1980	8D1F	B7	89			.WORD	ONE
1981	8D21	54	85			.WORD	ANDD
1982	8D23	EE	85			.WORD	EXIT
1983							
1984				;		HEX	
1985							
1986	8D25	83	48	45	L8D25	.BYTE	\$83,'HE',\$D8
	8D28	D8					
1987	8D29	10	8D			.WORD	L8D10
1988	8D2B	18	89	HEX		.WORD	DOCOL
1989	8D2D	50	81			.WORD	LIT,16
	8D2F	10	00				
1990	8D31	BA	8A			.WORD	BASE
1991	8D33	BB	88			.WORD	STORE
1992	8D35	EE	85			.WORD	EXIT
1993							
1994				;		DECIMAL	
1995							
1996	8D37	87	44	45	L8D37	.BYTE	\$87,'DECIMA',\$CC
	8D3A	43	49	4D			
	8D3D	41	CC				
1997	8D3F	25	8D			.WORD	L8D25
1998	8D41	18	89	DECIM		.WORD	DOCOL
1999	8D43	50	81			.WORD	LIT,10
	8D45	0A	00				
2000	8D47	BA	8A			.WORD	BASE
2001	8D49	BB	88			.WORD	STORE
2002	8D4B	EE	85			.WORD	EXIT
2003							
2004				;		CR	
2005							
2006	8D4D	82	43	D2	L8D4D	.BYTE	\$82,'C',\$D2
2007	8D50	37	8D			.WORD	L8D37
2008	8D52	18	89	CRR		.WORD	DOCOL
2009	8D54	50	81			.WORD	LIT,\$A
	8D56	0A	00				
2010	8D58	17	06			.WORD	EMIT
2011	8D5A	50	81			.WORD	LIT,\$D
	8D5C	0D	00				
2012	8D5E	17	06			.WORD	EMIT
2013	8D60	9E	89			.WORD	NEGTWO

2014	8D62	76	8A			.WORD	OUT
2015	8D64	D3	88			.WORD	PSTOR
2016	8D66	EE	85			.WORD	EXIT
2017							
2018					;	(;CODE)	
2019							
2020	8D68	87	28	3B	L8D68	.BYTE	\$87,'(;CODE',\$A9
	8D6B	43	4F	44			
	8D6E	45	A9				
2021	8D70	4D	8D			.WORD	L8D4D
2022	8D72	18	89		PSCOD	.WORD	DOCOL
2023	8D74	24	86			.WORD	RFROM
2024	8D76	6C	8B			.WORD	LAST
2025	8D78	F6	8B			.WORD	PFA
2026	8D7A	EA	8B			.WORD	CFA
2027	8D7C	BB	88			.WORD	STORE
2028	8D7E	EE	85			.WORD	EXIT
2029							
2030					;	;CODE	
2031							
2032	8D80	C5	3B	43	L8D80	.BYTE	\$C5,';COD',\$C5
	8D83	4F	44	C5			
2033	8D86	68	8D			.WORD	L8D68
2034	8D88	18	89		L8D88	.WORD	DOCOL
2035	8D8A	86	8C			.WORD	QCSP
2036	8D8C	D5	8C			.WORD	COMP
2037	8D8E	72	8D			.WORD	PSCOD
2038	8D90	EB	8C			.WORD	LBRAC
2039	8D92	8F	07			.WORD	ASSEM
2040	8D94	17	8C			.WORD	SCSP
2041	8D96	EE	85			.WORD	EXIT
2042							
2043					;	DOES>	
2044							
2045	8D98	C5	44	4F	L8D98	.BYTE	\$C5,'DOES',\$BE
	8D9B	45	53	BE			
2046	8D9E	80	8D			.WORD	L8D80
2047	8DA0	18	89		DOES	.WORD	DOCOL
2048	8DA2	D5	8C			.WORD	COMP
2049	8DA4	72	8D			.WORD	PSCOD
2050	8DA6	50	81			.WORD	LIT,\$20
	8DA8	20	00				
2051	8DAA	59	8B			.WORD	CCOMM
2052	8DAC	D5	8C			.WORD	COMP
2053	8DAE	B2	8D			.WORD	DODOE
2054	8DB0	EE	85			.WORD	EXIT
2055							
2056	8DB2	CA			DODOE	DEX	
2057	8DB3	CA				DEX	
2058	8DB4	18				CLC	
2059	8DB5	A5	6A			LDA	W
2060	8DB7	69	02			ADC	#2
2061	8DB9	95	00			STA	0,X
2062	8DBB	98				TYA	
2063	8DBC	65	6B			ADC	W+1
2064	8DBE	95	01			STA	1,X
2065	8DC0	38				SEC	
2066	8DC1	68				PLA	
2067	8DC2	E9	01			SBC	#1
2068	8DC4	85	6A			STA	W
2069	8DC6	68				PLA	
2070	8DC7	E9	00			SBC	#0
2071	8DC9	85	6B			STA	W+1
2072	8DCB	4C	18	89		JMP	DOCOL
2073							
2074					;	0>	

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2075
2076 8DCE 82 30 BE L8DCE .BYTE $82,'0',$BE
2077 8DD1 98 8D .WORD L8D98
2078 8DD3 18 89 ZGREA .WORD DOCOL
2079 8DD5 11 87 .WORD NEGAT
2080 8DD7 7B 86 .WORD ZLESS
2081 8DD9 EE 85 .WORD EXIT
2082
2083 ; COUNT
2084
2085 8DDB 85 43 4F L8DDB .BYTE $85,'COUN',$D4
      8DDE 55 4E D4
2086 8DE1 CE 8D .WORD L8DCE
2087 8DE3 18 89 COUNT .WORD DOCOL
2088 8DE5 54 87 .WORD DUPP
2089 8DE7 E5 8A .WORD ONEP
2090 8DE9 96 87 .WORD SWAP
2091 8DEB 8A 88 .WORD CAT
2092 8DED EE 85 .WORD EXIT
2093
2094 ; TYPE
2095
2096 8DEF 84 54 59 L8DEF .BYTE $84,'TYP',$C5
      8DF2 50 C5
2097 8DF4 DB 8D .WORD L8DDB
2098 8DF6 18 89 TYPE .WORD DOCOL
2099 8DF8 54 87 .WORD DUPP
2100 8DFA D3 8D .WORD ZGREA
2101 8DFC FE 81 .WORD ZBRAN,$18
      8DFE 18 00
2102 8E00 D9 87 .WORD OVER
2103 8E02 D3 86 .WORD PLUS
2104 8E04 96 87 .WORD SWAP
2105 8E06 CF 82 .WORD XDO
2106 8E08 B7 82 .WORD IDO
2107 8E0A 8A 88 .WORD CAT
2108 8E0C 17 06 .WORD EMIT
2109 8E0E 96 82 .WORD XPULO,$FFF8
      8E10 F8 FF
2110 8E12 DD 81 .WORD BRAN,4
      8E14 04 00
2111 8E16 4C 87 .WORD TDROP
2112 8E18 EE 85 .WORD EXIT
2113
2114 ; -TRAILING
2115
2116 8E1A 89 2D 54 L8E1A .BYTE $89,'-TRAILIN',$C7
      8E1D 52 41 49
      8E20 4C 49 4E
      8E23 C7
2117 8E24 EF 8D .WORD L8DEF
2118 8E26 18 89 DTRAI .WORD DOCOL
2119 8E28 54 87 .WORD DUPP
2120 8E2A 7B 86 .WORD ZLESS
2121 8E2C 50 81 .WORD LIT,5
      8E2E 05 00
2122 8E30 2A 8C .WORD QERR
2123 8E32 54 87 .WORD DUPP
2124 8E34 AF 89 .WORD ZERO
2125 8E36 CF 82 .WORD XDO
2126 8E38 77 87 .WORD TDUP
2127 8E3A D3 86 .WORD PLUS
2128 8E3C 00 8B .WORD ONESUB
2129 8E3E 8A 88 .WORD CAT
2130 8E40 C8 89 .WORD BLL
2131 8E42 8F 8B .WORD SUBB

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2132 8E44 FE 81 .WORD ZBRAN, 8
      8E46 08 00
2133 8E48 4B 86 .WORD LEAV
2134 8E4A DD 81 .WORD BRAN, 4
      8E4C 04 00
2135 8E4E 00 8B .WORD ONESUB
2136 8E50 96 82 .WORD XPULO, $FFE6
      8E52 E6 FF
2137 8E54 EE 85 .WORD EXIT
2138
2139 ; TEXT,
2140
2141 8E56 85 54 45 L8E56 .BYTE $85, 'TEXT', $AC
      8E59 58 54 AC
2142 8E5C 1A 8E .WORD L8E1A
2143 8E5E 18 89 TXTCOM .WORD DOCOL
2144 8E60 54 87 .WORD DUPP
2145 8E62 59 8B .WORD CCOMM
2146 8E64 1C 8B .WORD HERE
2147 8E66 D9 87 .WORD OVER
2148 8E68 2C 8B .WORD ALLOT
2149 8E6A 96 87 .WORD SWAP
2150 8E6C A7 84 .WORD CMOVE
2151 8E6E EE 85 .WORD EXIT
2152
2153 ; (." )
2154
2155 8E70 84 28 2E L8E70 .BYTE $84, '(. "', $A9
      8E73 22 A9
2156 8E75 56 8E .WORD L8E56
2157 8E77 18 89 PDOTQ .WORD DOCOL
2158 8E79 FE 85 .WORD RAT
2159 8E7B E3 8D .WORD COUNT
2160 8E7D 54 87 .WORD DUPP
2161 8E7F E5 8A .WORD ONEP
2162 8E81 24 86 .WORD RFROM
2163 8E83 D3 86 .WORD PLUS
2164 8E85 14 86 .WORD TOR
2165 8E87 F6 8D .WORD TYPE
2166 8E89 EE 85 .WORD EXIT
2167
2168 ; ."
2169
2170 8E8B C2 2E A2 L8E8B .BYTE $C2, ' . ', $A2
      8E8E 70 8E .WORD L8E70
2171 8E90 18 89 DOTQ .WORD DOCOL
2172 8E92 A7 89 .WORD TRUE
2173 8E94 6D 8A .WORD INN
2174 8E96 D3 88 .WORD PSTOR
2175 8E98 50 81 .WORD LIT, $22
      8E9A 22 00
2177 8E9C EE 8F .WORD PWORD
2178 8E9E 00 8B .WORD ONESUB
2179 8EA0 65 87 .WORD QDUP
2180 8EA2 FE 81 .WORD ZBRAN, $20
      8EA4 20 00
2181 8EA6 96 87 .WORD SWAP
2182 8EA8 E5 8A .WORD ONEP
2183 8EAA 96 87 .WORD SWAP
2184 8EAC B0 8A .WORD STATE
2185 8EAE 99 88 .WORD AT
2186 8EB0 FE 81 .WORD ZBRAN, $C
      8EB2 0C 00
2187 8EB4 D5 8C .WORD COMP
2188 8EB6 77 8E .WORD PDOTQ
2189 8EB8 5E 8E .WORD TXTCOM

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2190	8EBA	DD	81			.WORD	BRAN, 4
	8EBC	04	00				
2191	8EBE	F6	8D			.WORD	TYPE
2192	8EC0	DD	81			.WORD	BRAN, 4
	8EC2	04	00				
2193	8EC4	42	87			.WORD	DROP
2194	8EC6	EE	85			.WORD	EXIT
2195							
2196					;	(EXPECT)	
2197							
2198	8EC8	88	28	45	L8EC8	.BYTE	\$88, ' (EXPECT', \$A9
	8ECB	58	50	45			
	8ECE	43	54	A9			
2199	8ED1	8B	8E			.WORD	L8E8B
2200	8ED3	D5	8E		PEXPEC	.WORD	*+2
2201	8ED5	86	68			STX	XSAVE
2202	8ED7	CA				DEX	
2203	8ED8	B5	03			LDA	3, X
2204	8EDA	95	00			STA	0, X
2205	8EDC	B5	01			LDA	1, X
2206	8EDE	95	02			STA	2, X
2207	8EE0	B5	04			LDA	4, X
2208	8EE2	95	01			STA	1, X
2209	8EE4	A9	20			LDA	#\$20
2210	8EE6	95	03			STA	3, X
2211	8EE8	A9	FF			LDA	#\$FF
2212	8EEA	95	04			STA	4, X
2213	8EEC	A9	00			LDA	#0
2214	8EEE	20	F1	FF		JSR	\$FFF1
2215	8EF1	A6	68			LDX	XSAVE
2216	8EF3	94	02			STY	2, X
2217	8EF5	A9	00			LDA	#0
2218	8EF7	95	03			STA	3, X
2219	8EF9	4C	DF	82		JMP	POP
2220							
2221					;	EXPECT	
2222							
2223	8EFC	86	45	58	L8EFC	.BYTE	\$86, 'EXPEC', \$D4
	8EFF	50	45	43			
	8F02	D4					
2224	8F03	C8	8E			.WORD	L8EC8
2225	8F05	18	89		EXPECT	.WORD	DOCOL
2226	8F07	D9	87			.WORD	OVER
2227	8F09	96	87			.WORD	SWAP
2228	8F0B	D3	8E			.WORD	PEXPEC
2229	8F0D	D3	86			.WORD	PLUS
2230	8F0F	AF	89			.WORD	ZERO
2231	8F11	96	87			.WORD	SWAP
2232	8F13	BB	88			.WORD	STORE
2233	8F15	EE	85			.WORD	EXIT
2234							
2235					;	QUERY	
2236							
2237	8F17	85	51	55	L8F17	.BYTE	\$85, 'QUER', \$D9
	8F1A	45	52	D9			
2238	8F1D	FC	8E			.WORD	L8EFC
2239	8F1F	18	89		QUERY	.WORD	DOCOL
2240	8F21	22	8A			.WORD	TIB
2241	8F23	99	88			.WORD	AT
2242	8F25	50	81			.WORD	LIT, 80
	8F27	50	00				
2243	8F29	05	8F			.WORD	EXPECT
2244	8F2B	AF	89			.WORD	ZERO
2245	8F2D	6D	8A			.WORD	INN
2246	8F2F	BB	88			.WORD	STORE
2247	8F31	EE	85			.WORD	EXIT

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2248
2249           ;          ASCII NULL
2250
2251 8F33 C1 80      L8F33 .BYTE    $C1,$80
2252 8F35 17 8F          .WORD    L8F17
2253 8F37 18 89      NULL .WORD    DOCOL
2254 8F39 64 8A          .WORD    BLK
2255 8F3B 99 88          .WORD    AT
2256 8F3D FE 81          .WORD    ZBRAN,$28
      8F3F 28 00
2257 8F41 B7 89          .WORD    ONE
2258 8F43 64 8A          .WORD    BLK
2259 8F45 D3 88          .WORD    PSTOR
2260 8F47 AF 89          .WORD    ZERO
2261 8F49 6D 8A          .WORD    INN
2262 8F4B BB 88          .WORD    STORE
2263 8F4D 64 8A          .WORD    BLK
2264 8F4F 99 88          .WORD    AT
2265 8F51 F4 89          .WORD    BSCR
2266 8F53 00 8B          .WORD    ONESUB
2267 8F55 54 85          .WORD    ANDD
2268 8F57 66 86          .WORD    ZEQU
2269 8F59 FE 81          .WORD    ZBRAN,8
      8F5B 08 00
2270 8F5D 5C 8C          .WORD    QEXEC
2271 8F5F 24 86          .WORD    RFROM
2272 8F61 42 87          .WORD    DROP
2273 8F63 DD 81          .WORD    BRAN,6
      8F65 06 00
2274 8F67 24 86          .WORD    RFROM
2275 8F69 42 87          .WORD    DROP
2276 8F6B EE 85          .WORD    EXIT
2277
2278           ;          MOVE
2279
2280 8F6D 84 4D 4F  L8F6D .BYTE    $84,'MOV',$C5
      8F70 56 C5
2281 8F72 33 8F          .WORD    L8F33
2282 8F74 18 89      MOVE .WORD    DOCOL
2283 8F76 54 87          .WORD    DUPP
2284 8F78 D3 86          .WORD    PLUS
2285 8F7A A7 84          .WORD    CMOVE
2286 8F7C EE 85          .WORD    EXIT
2287
2288           ;          FILL
2289
2290 8F7E 84 46 49  L8F7E .BYTE    $84,'FIL',$CC
      8F81 4C CC
2291 8F83 6D 8F          .WORD    L8F6D
2292 8F85 18 89      FILL .WORD    DOCOL
2293 8F87 D9 87          .WORD    OVER
2294 8F89 B7 89          .WORD    ONE
2295 8F8B 8C 86          .WORD    LESS
2296 8F8D FE 81          .WORD    ZBRAN,$A
      8F8F 0A 00
2297 8F91 42 87          .WORD    DROP
2298 8F93 4C 87          .WORD    TDROP
2299 8F95 DD 81          .WORD    BRAN,$14
      8F97 14 00
2300 8F99 96 87          .WORD    SWAP
2301 8F9B 14 86          .WORD    TOR
2302 8F9D D9 87          .WORD    OVER
2303 8F9F AE 88          .WORD    CSTOR
2304 8FA1 54 87          .WORD    DUPP
2305 8FA3 E5 8A          .WORD    ONEP
2306 8FA5 24 86          .WORD    RFROM

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2307	8FA7	00	8B			.WORD	ONESUB
2308	8FA9	A7	84			.WORD	CMOVE
2309	8FAB	EE	85			.WORD	EXIT
2310							
2311					;	ERASE	
2312							
2313	8FAD	85	45	52	L8FAD	.BYTE	\$85, 'ERAS', \$C5
	8FB0	41	53	C5			
2314	8FB3	7E	8F			.WORD	L8F7E
2315	8FB5	18	89		ERASE	.WORD	DOCOL
2316	8FB7	AF	89			.WORD	ZERO
2317	8FB9	85	8F			.WORD	FILL
2318	8FBB	EE	85			.WORD	EXIT
2319							
2320					;	BLANKS	
2321							
2322	8FBD	86	42	4C	L8FBD	.BYTE	\$86, 'BLANK', \$D3
	8FC0	41	4E	4B			
	8FC3	D3					
2323	8FC4	AD	8F			.WORD	L8FAD
2324	8FC6	18	89		BLANKS	.WORD	DOCOL
2325	8FC8	C8	89			.WORD	BLI
2326	8FCA	85	8F			.WORD	FILL
2327	8FCC	EE	85			.WORD	EXIT
2328							
2329					;	HOLD	
2330							
2331	8FCE	84	48	4F	L8FCE	.BYTE	\$84, 'HOL', \$C4
	8FD1	4C	C4				
2332	8FD3	BD	8F			.WORD	L8FBD
2333	8FD5	18	89		HOLD	.WORD	DOCOL
2334	8FD7	A7	89			.WORD	TRUE
2335	8FD9	DD	8A			.WORD	HLD
2336	8FDB	D3	88			.WORD	PSTOR
2337	8FDD	DD	8A			.WORD	HLD
2338	8FDF	99	88			.WORD	AT
2339	8FE1	AE	88			.WORD	CSTOR
2340	8FE3	EE	85			.WORD	EXIT
2341							
2342					;	(WORD)	(C -- ADR LEN)
2343							
2344	8FE5	86	28	57	L8FE5	.BYTE	\$86, ' (WORD', \$A9
	8FE8	4F	52	44			
	8FEB	A9					
2345	8FEC	CE	8F			.WORD	L8FCE
2346	8FEE	18	89		PWORD	.WORD	DOCOL
2347	8FF0	64	8A			.WORD	BLK
2348	8FF2	99	88			.WORD	AT
2349	8FF4	65	87			.WORD	QDUP
2350	8FF6	FE	81			.WORD	ZBRAN, 8
	8FF8	08	00				
2351	8FFA	5C	9F			.WORD	BLOCK
2352	8FFC	DD	81			.WORD	BRAN, 6
	8FFE	06	00				
2353	9000	22	8A			.WORD	TIB
2354	9002	99	88			.WORD	AT
2355	9004	6D	8A			.WORD	INN
2356	9006	99	88			.WORD	AT
2357	9008	D3	86			.WORD	PLUS
2358	900A	96	87			.WORD	SWAP
2359	900C	BE	83			.WORD	ENCL
2360	900E	6D	8A			.WORD	INN
2361	9010	D3	88			.WORD	PSTOR
2362	9012	D9	87			.WORD	OVER
2363	9014	8F	8B			.WORD	SUBB
2364	9016	05	88			.WORD	ROT

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2365 9018 05 88 .WORD ROT
2366 901A D3 86 .WORD PLUS
2367 901C 96 87 .WORD SWAP
2368 901E EE 85 .WORD EXIT
2369
2370 ; WDSZ
2371
2372 9020 84 57 44 L9020 .BYTE $84,'WDS',$DA
      9023 53 DA
2373 9025 E5 8F .WORD L8FE5
2374 9027 51 89 WDSZ .WORD DOCON
2375 9029 02 01 .WORD WBSIZ ; WORD BUFFER SIZE
2376
2377 ; WBFR
2378
2379 902B 84 57 42 L902B .BYTE $84,'WBF',$D2
      902E 46 D2
2380 9030 20 90 .WORD L9020
2381 9032 51 89 WBFR .WORD DOCON
2382 9034 40 04 .WORD WORDBU ; WORD BUFFER ADDR
2383
2384 ; 1WORD
2385
2386 9036 85 31 57 L9036 .BYTE $85,'1WOR',$C4
      9039 4F 52 C4
2387 903C 2B 90 .WORD L902B
2388 903E 18 89 ONEWRD .WORD DOCOL
2389 9040 EE 8F .WORD PWORD
2390 9042 27 90 .WORD WDSZ
2391 9044 B1 95 .WORD MIN
2392 9046 32 90 .WORD WBFR
2393 9048 AE 88 .WORD CSTOR
2394 904A 32 90 .WORD WBFR
2395 904C E3 8D .WORD COUNT
2396 904E E5 8A .WORD ONEP
2397 9050 A7 84 .WORD CMOVE
2398 9052 32 90 .WORD WBFR
2399 9054 EE 85 .WORD EXIT
2400
2401 ; WORD
2402
2403 9056 84 57 4F L9056 .BYTE $84,'WOR',$C4
      9059 52 C4
2404 905B 36 90 .WORD L9036
2405 905D 18 89 WORD .WORD DOCOL
2406 905F 3E 90 .WORD ONEWRD
2407 9061 54 87 .WORD DUPP
2408 9063 E5 8A .WORD ONEP
2409 9065 8A 88 .WORD CAT
2410 9067 66 86 .WORD ZEQU
2411 9069 FE 81 .WORD ZBRAN,8
      906B 08 00
2412 906D AF 89 .WORD ZERO
2413 906F D9 87 .WORD OVER
2414 9071 AE 88 .WORD CSTOR
2415 9073 EE 85 .WORD EXIT
2416
2417 ; CONVERT
2418
2419 9075 87 43 4F L9075 .BYTE $87,'CONVER',$D4
      9078 4E 56 45
      907B 52 D4
2420 907D 56 90 .WORD L9056
2421 907F 18 89 CONV .WORD DOCOL
2422 9081 E5 8A .WORD ONEP
2423 9083 54 87 .WORD DUPP

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2424	9085	14	86			.WORD	TOR
2425	9087	8A	88			.WORD	CAT
2426	9089	BA	8A			.WORD	BASE
2427	908B	99	88			.WORD	AT
2428	908D	27	83			.WORD	DIGIT
2429	908F	FE	81			.WORD	ZBRAN,\$1C
	9091	1C	00				
2430	9093	96	87			.WORD	SWAP
2431	9095	BA	8A			.WORD	BASE
2432	9097	99	88			.WORD	AT
2433	9099	DA	84			.WORD	USTAR
2434	909B	42	87			.WORD	DROP
2435	909D	05	88			.WORD	ROT
2436	909F	BA	8A			.WORD	BASE
2437	90A1	99	88			.WORD	AT
2438	90A3	DA	84			.WORD	USTAR
2439	90A5	EA	86			.WORD	DPLUS
2440	90A7	24	86			.WORD	RFROM
2441	90A9	DD	81			.WORD	BRAN,\$FFD6
	90AB	D6	FF				
2442	90AD	24	86			.WORD	RFROM
2443	90AF	EE	85			.WORD	EXIT
2444							
2445					;	-FIND	
2446							
2447	90B1	85	2D	46	L90B1	.BYTE	\$85,'-FIN',\$C4
	90B4	49	4E	C4			
2448	90B7	75	90			.WORD	L9075
2449	90B9	18	89		DFIND	.WORD	DOCOL
2450	90BB	C8	89			.WORD	BLI
2451	90BD	3E	90			.WORD	ONEWRD
2452	90BF	96	87			.WORD	SWAP
2453	90C1	58	83			.WORD	PFIND
2454	90C3	EE	85			.WORD	EXIT
2455							
2456					;	FIND	
2457							
2458	90C5	84	46	49	L90C5	.BYTE	\$84,'FIN',\$C4
	90C8	4E	C4				
2459	90CA	B1	90			.WORD	L90B1
2460	90CC	18	89		FIND	.WORD	DOCOL
2461	90CE	98	8A			.WORD	CONT
2462	90D0	99	88			.WORD	AT
2463	90D2	99	88			.WORD	AT
2464	90D4	B9	90			.WORD	DFIND
2465	90D6	FE	81			.WORD	ZBRAN,8
	90D8	08	00				
2466	90DA	42	87			.WORD	DROP
2467	90DC	DD	81			.WORD	BRAN,4
	90DE	04	00				
2468	90E0	AF	89			.WORD	ZERO
2469	90E2	EE	85			.WORD	EXIT
2470							
2471					;	ERROR	
2472							
2473	90E4	85	45	52	L90E4	.BYTE	\$85,'ERRO',\$D2
	90E7	52	4F	D2			
2474	90EA	C5	90			.WORD	L90C5
2475	90EC	18	89		ERROR	.WORD	DOCOL
2476	90EE	3A	8A			.WORD	WARN
2477	90F0	99	88			.WORD	AT
2478	90F2	7B	86			.WORD	ZLESS
2479	90F4	FE	81			.WORD	ZBRAN,8
	90F6	08	00				
2480	90F8	6C	06			.WORD	ABORT
2481	90FA	DD	81			.WORD	BRAN,\$1F

	90FC	1F	00			
2482	90FE	32	90		.WORD	WBFR
2483	9100	E3	8D		.WORD	COUNT
2484	9102	F6	8D		.WORD	TYPE
2485	9104	77	8E		.WORD	PDOTQ
2486	9106	04	20	20	.BYTE	4, ' ? '
	9109	3F	20			
2487	910B	7A	06		.WORD	MESS
2488	910D	4B	84		.WORD	SPSTO
2489	910F	4C	87		.WORD	TDROP
2490	9111	6D	8A		.WORD	INN
2491	9113	99	88		.WORD	AT
2492	9115	64	8A		.WORD	BLK
2493	9117	99	88		.WORD	AT
2494	9119	A4	93		.WORD	QUIT
2495	911B	EE	85		.WORD	EXIT
2496						
2497				;	ID.	
2498						
2499	911D	83	49	44	L911D	.BYTE \$83, 'ID', \$AE
	9120	AE				
2500	9121	E4	90		.WORD	L90E4
2501	9123	18	89		IDDOT	.WORD DOCOL
2502	9125	DC	89		.WORD	PAD
2503	9127	C8	89		.WORD	BLL
2504	9129	50	81		.WORD	LIT, '_'
	912B	5F	00			
2505	912D	85	8F		.WORD	FILL
2506	912F	54	87		.WORD	DUPP
2507	9131	F6	8B		.WORD	PFA
2508	9133	C6	8B		.WORD	LFA
2509	9135	D9	87		.WORD	OVER
2510	9137	8F	8B		.WORD	SUBB
2511	9139	DC	89		.WORD	PAD
2512	913B	96	87		.WORD	SWAP
2513	913D	A7	84		.WORD	CMOVE
2514	913F	DC	89		.WORD	PAD
2515	9141	E3	8D		.WORD	COUNT
2516	9143	50	81		.WORD	LIT, \$1F
	9145	1F	00			
2517	9147	54	85		.WORD	ANDD
2518	9149	F6	8D		.WORD	TYPE
2519	914B	3C	8B		.WORD	SPACE
2520	914D	EE	85		.WORD	EXIT
2521						
2522				;	(CREATE)	
2523						
2524	914F	88	28	43	L914F	.BYTE \$88, ' (CREATE', \$A9
	9152	52	45	41		
	9155	54	45	A9		
2525	9158	1D	91		.WORD	L911D
2526	915A	18	89		PCREAT	.WORD DOCOL
2527	915C	2D	06		.WORD	FIRST
2528	915E	1C	8B		.WORD	HERE
2529	9160	50	81		.WORD	LIT, \$A0
	9162	A0	00			
2530	9164	D3	86		.WORD	PLUS
2531	9166	B4	8B		.WORD	ULESS
2532	9168	BF	89		.WORD	TWO
2533	916A	2A	8C		.WORD	QERR
2534	916C	C8	89		.WORD	BLL
2535	916E	5D	90		.WORD	WORD
2536	9170	54	87		.WORD	DUPP
2537	9172	8A	88		.WORD	CAT
2538	9174	54	87		.WORD	DUPP
2539	9176	66	86		.WORD	ZEQU

2540	9178	50	81		.WORD	LIT,10
	917A	0A	00			
2541	917C	2A	8C		.WORD	QERR
2542	917E	D9	87		.WORD	OVER
2543	9180	98	8A		.WORD	CONT
2544	9182	99	88		.WORD	AT
2545	9184	99	88		.WORD	AT
2546	9186	58	83		.WORD	PFIND
2547	9188	FE	81		.WORD	ZBRAN,\$12
	918A	12	00			
2548	918C	42	87		.WORD	DROP
2549	918E	F2	8A		.WORD	TWOP
2550	9190	D6	8B		.WORD	NFA
2551	9192	23	91		.WORD	IDDOT
2552	9194	50	81		.WORD	LIT,4
	9196	04	00			
2553	9198	7A	06		.WORD	MESS
2554	919A	3C	8B		.WORD	SPACE
2555	919C	2D	8A		.WORD	WIDTH
2556	919E	99	88		.WORD	AT
2557	91A0	B1	95		.WORD	MIN
2558	91A2	54	87		.WORD	DUPP
2559	91A4	4D	8A		.WORD	DP
2560	91A6	8A	88		.WORD	CAT
2561	91A8	D3	86		.WORD	PLUS
2562	91AA	50	81		.WORD	LIT,\$FC
	91AC	FC	00			
2563	91AE	9B	8B		.WORD	EQUAL
2564	91B0	2C	8B		.WORD	ALLOT
2565	91B2	E5	8A		.WORD	ONEP
2566	91B4	54	87		.WORD	DUPP
2567	91B6	14	86		.WORD	TOR
2568	91B8	1C	8B		.WORD	HERE
2569	91BA	96	87		.WORD	SWAP
2570	91BC	A7	84		.WORD	CMOVE
2571	91BE	1C	8B		.WORD	HERE
2572	91C0	24	86		.WORD	RFROM
2573	91C2	2C	8B		.WORD	ALLOT
2574	91C4	54	87		.WORD	DUPP
2575	91C6	50	81		.WORD	LIT,\$80
	91C8	80	00			
2576	91CA	F4	88		.WORD	TOGGL
2577	91CC	1C	8B		.WORD	HERE
2578	91CE	00	8B		.WORD	ONESUB
2579	91D0	50	81		.WORD	LIT,\$80
	91D2	80	00			
2580	91D4	F4	88		.WORD	TOGGL
2581	91D6	6C	8B		.WORD	LAST
2582	91D8	48	8B		.WORD	COMMA
2583	91DA	A5	8A		.WORD	CURR
2584	91DC	99	88		.WORD	AT
2585	91DE	BB	88		.WORD	STORE
2586	91E0	50	81		.WORD	LIT,DOVAR
	91E2	71	89			
2587	91E4	48	8B		.WORD	COMMA
2588	91E6	EE	85		.WORD	EXIT
2589						
2590				;	[COMPILE]	
2591						
2592	91E8	C9	5B	43	L91E8	.BYTE \$C9,'[COMPILE', \$DD
	91EB	4F	4D	50		
	91EE	49	4C	45		
	91F1	DD				
2593	91F2	3D	06		.WORD	LA028-REL
2594	91F4	18	89	BCOMP	.WORD	DOCOL
2595	91F6	98	8A		.WORD	CONT

2596	91F8	99	88			.WORD	AT
2597	91FA	99	88			.WORD	AT
2598	91FC	B9	90			.WORD	DFIND
2599	91FE	66	86			.WORD	ZEQU
2600	9200	AF	89			.WORD	ZERO
2601	9202	2A	8C			.WORD	QERR
2602	9204	42	87			.WORD	DROP
2603	9206	48	8B			.WORD	COMMA
2604	9208	EE	85			.WORD	EXIT
2605							
2606							
2607							
2608	920A	C7	4C	49	L920A	.BYTE	\$C7,'LITERA',\$CC
	920D	54	45	52			
	9210	41	CC				
2609	9212	E8	91			.WORD	L91E8
2610	9214	18	89		LITER	.WORD	DOCOL
2611	9216	B0	8A			.WORD	STATE
2612	9218	99	88			.WORD	AT
2613	921A	FE	81			.WORD	ZBRAN,8
	921C	08	00				
2614	921E	D5	8C			.WORD	COMP
2615	9220	50	81			.WORD	LIT
2616	9222	48	8B			.WORD	COMMA
2617	9224	EE	85			.WORD	EXIT
2618							
2619							
2620							
2621	9226	C8	44	4C	L9226	.BYTE	\$C8,'DLITERA',\$CC
	9229	49	54	45			
	922C	52	41	CC			
2622	922F	0A	92			.WORD	L920A
2623	9231	18	89		DLITER	.WORD	DOCOL
2624	9233	B0	8A			.WORD	STATE
2625	9235	99	88			.WORD	AT
2626	9237	FE	81			.WORD	ZBRAN,8
	9239	08	00				
2627	923B	96	87			.WORD	SWAP
2628	923D	14	92			.WORD	LITER
2629	923F	14	92			.WORD	LITER
2630	9241	EE	85			.WORD	EXIT
2631							
2632							
2633							
2634	9243	86	3F	53	L9243	.BYTE	\$86,'?STAC',\$CB
	9246	54	41	43			
	9249	CB					
2635	924A	26	92			.WORD	L9226
2636	924C	18	89		QSTAC	.WORD	DOCOL
2637	924E	28	84			.WORD	SPAT
2638	9250	11	8A			.WORD	SZERO
2639	9252	99	88			.WORD	AT
2640	9254	A7	8B			.WORD	GREAT
2641	9256	B7	89			.WORD	ONE
2642	9258	2A	8C			.WORD	QERR
2643	925A	28	84			.WORD	SPAT
2644	925C	50	81			.WORD	LIT,BOS
	925E	10	00				
2645	9260	8C	86			.WORD	LESS
2646	9262	50	81			.WORD	LIT,7
	9264	07	00				
2647	9266	2A	8C			.WORD	QERR
2648	9268	EE	85			.WORD	EXIT
2649							
2650							
2651							

2652	926A	81	BA	L926A	.BYTE	\$81,\$BA
2653	926C	43	92		.WORD	L9243
2654	926E	18	89	COLON	.WORD	DOCOL
2655	9270	04	89		.WORD	RCOLON
2656	9272	7F	8B		.WORD	SMUDG
2657	9274	EE	85		.WORD	EXIT
2658						
2659				;	;	
2660						
2661	9276	C1	BB	L9276	.BYTE	\$C1,\$BB
2662	9278	6A	92		.WORD	L926A
2663	927A	18	89	SEMIS	.WORD	DOCOL
2664	927C	32	89		.WORD	RSEMI
2665	927E	7F	8B		.WORD	SMUDG
2666	9280	EE	85		.WORD	EXIT
2667						
2668				;	NUMBER	
2669						
2670	9282	86	4E 55	L9282	.BYTE	\$86,'NUMBE',\$D2
	9285	4D 42	45			
	9288	D2				
2671	9289	76	92		.WORD	L9276
2672	928B	18	89	NUMBER	.WORD	DOCOL
2673	928D	54	87		.WORD	DUPP
2674	928F	8A	88		.WORD	CAT
2675	9291	D9	87		.WORD	OVER
2676	9293	D3	86		.WORD	PLUS
2677	9295	14	86		.WORD	TOR
2678	9297	AF	89		.WORD	ZERO
2679	9299	AF	89		.WORD	ZERO
2680	929B	05	88		.WORD	ROT
2681	929D	54	87		.WORD	DUPP
2682	929F	E5	8A		.WORD	ONEP
2683	92A1	8A	88		.WORD	CAT
2684	92A3	50	81		.WORD	LIT,'-'
	92A5	2D	00			
2685	92A7	9B	8B		.WORD	EQUAL
2686	92A9	54	87		.WORD	DUPP
2687	92AB	14	86		.WORD	TOR
2688	92AD	D3	86		.WORD	PLUS
2689	92AF	7F	90		.WORD	CONV
2690	92B1	24	86		.WORD	RFROM
2691	92B3	FE	81		.WORD	ZBRAN,8
	92B5	08	00			
2692	92B7	14	86		.WORD	TOR
2693	92B9	2B	87		.WORD	DNEGAT
2694	92BB	24	86		.WORD	RFROM
2695	92BD	24	86		.WORD	RFROM
2696	92BF	D9	87		.WORD	OVER
2697	92C1	8F	8B		.WORD	SUBB
2698	92C3	54	87		.WORD	DUPP
2699	92C5	7B	86		.WORD	ZLESS
2700	92C7	FE	81		.WORD	ZBRAN,8
	92C9	08	00			
2701	92CB	4C	87		.WORD	TDROP
2702	92CD	DD	81		.WORD	BRAN,\$12
	92CF	12	00			
2703	92D1	AF	89		.WORD	ZERO
2704	92D3	2A	8C		.WORD	QERR
2705	92D5	8A	88		.WORD	CAT
2706	92D7	50	81		.WORD	LIT,'.'
	92D9	2E	00			
2707	92DB	8F	8B		.WORD	SUBB
2708	92DD	AF	89		.WORD	ZERO
2709	92DF	2A	8C		.WORD	QERR
2710	92E1	EE	85		.WORD	EXIT

```

2711
2712           ;      (
2713
2714  92E3  C1  A8      L92E3  .BYTE    $C1,$A8
2715  92E5  82  92      .WORD    L9282
2716  92E7  18  89      PAREN  .WORD    DOCOL
2717  92E9  A7  89      .WORD    TRUE
2718  92EB  6D  8A      .WORD    INN
2719  92ED  D3  88      .WORD    PSTOR
2720  92EF  50  81      .WORD    LIT,' '
      92F1  29  00
2721  92F3  5D  90      .WORD    WORD
2722  92F5  42  87      .WORD    DROP
2723  92F7  EE  85      .WORD    EXIT
2724
2725           ;      (NUM)
2726
2727  92F9  85  28  4E  L92F9  .BYTE    $85,' (NUM', $A9
      92FC  55  4D  A9
2728  92FF  E3  92      .WORD    L92E3
2729  9301  18  89      PNUM   .WORD    DOCOL
2730  9303  54  87      .WORD    DUPP
2731  9305  8A  88      .WORD    CAT
2732  9307  D9  87      .WORD    OVER
2733  9309  D3  86      .WORD    PLUS
2734  930B  96  87      .WORD    SWAP
2735  930D  8B  92      .WORD    NUMBER
2736  930F  05  88      .WORD    ROT
2737  9311  8A  88      .WORD    CAT
2738  9313  50  81      .WORD    LIT,'. '
      9315  2E  00
2739  9317  8F  8B      .WORD    SUBB
2740  9319  FE  81      .WORD    ZBRAN,$A
      931B  0A  00
2741  931D  42  87      .WORD    DROP
2742  931F  14  92      .WORD    LITER
2743  9321  DD  81      .WORD    BRAN,4
      9323  04  00
2744  9325  31  92      .WORD    DLITER
2745  9327  EE  85      .WORD    EXIT
2746
2747           ;      INTERPRET
2748
2749  9329  89  49  4E  L9329  .BYTE    $89,' INTERPRE', $D4
      932C  54  45  52
      932F  50  52  45
      9332  D4
2750  9333  4A  06      .WORD    LA035-REL
2751  9335  18  89      INTE   .WORD    DOCOL
2752  9337  98  8A      .WORD    CONT
2753  9339  99  88      .WORD    AT
2754  933B  99  88      .WORD    AT
2755  933D  B9  90      .WORD    DFIND
2756  933F  FE  81      .WORD    ZBRAN,$18
      9341  18  00
2757  9343  B0  8A      .WORD    STATE
2758  9345  99  88      .WORD    AT
2759  9347  8C  86      .WORD    LESS
2760  9349  FE  81      .WORD    ZBRAN,8
      934B  08  00
2761  934D  48  8B      .WORD    COMMA
2762  934F  DD  81      .WORD    BRAN,4
      9351  04  00
2763  9353  A5  81      .WORD    EXEC
2764  9355  DD  81      .WORD    BRAN,6
      9357  06  00

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2765	9359	32	90			.WORD	WBFR
2766	935B	50	06			.WORD	NUM
2767	935D	4C	92			.WORD	QSTAC
2768	935F	DD	81			.WORD	BRAN,\$FFD6
	9361	D6	FF				
2769	9363	EE	85			.WORD	EXIT
2770							
2771					;	VOCABULARY	
2772							
2773	9365	8A	56	4F	L9365	.BYTE	\$8A,'VOCABULAR',\$D9
	9368	43	41	42			
	936B	55	4C	41			
	936E	52	D9				
2774	9370	29	93			.WORD	L9329
2775	9372	18	89		VOC	.WORD	DOCOL
2776	9374	46	06			.WORD	CREAT
2777	9376	50	81			.WORD	LIT,\$A081
	9378	81	A0				
2778	937A	48	8B			.WORD	COMMA
2779	937C	A5	8A			.WORD	CURR
2780	937E	99	88			.WORD	AT
2781	9380	EA	8B			.WORD	CFA
2782	9382	48	8B			.WORD	COMMA
2783	9384	1C	8B			.WORD	HERE
2784	9386	5B	8A			.WORD	VOCL
2785	9388	99	88			.WORD	AT
2786	938A	48	8B			.WORD	COMMA
2787	938C	5B	8A			.WORD	VOCL
2788	938E	BB	88			.WORD	STORE
2789	9390	72	8D			.WORD	PSCOD
2790	9392	20	B2	8D	DOVOC	JSR	DODOE
2791	9395	F2	8A			.WORD	TWOP
2792	9397	98	8A			.WORD	CONT
2793	9399	BB	88			.WORD	STORE
2794	939B	EE	85			.WORD	EXIT
2795							
2796					;	QUIT	
2797							
2798	939D	84	51	55	L939D	.BYTE	\$84,'QUI',\$D4
	93A0	49	D4				
2799	93A2	54	06			.WORD	LA03F-REL
2800	93A4	18	89		QUIT	.WORD	DOCOL
2801	93A6	AF	89			.WORD	ZERO
2802	93A8	64	8A			.WORD	BLK
2803	93AA	BB	88			.WORD	STORE
2804	93AC	EB	8C			.WORD	LBRAC
2805	93AE	5B	84			.WORD	RPSTO
2806	93B0	52	8D			.WORD	CRR
2807	93B2	1F	8F			.WORD	QUERY
2808	93B4	35	93			.WORD	INTE
2809	93B6	B0	8A			.WORD	STATE
2810	93B8	99	88			.WORD	AT
2811	93BA	66	86			.WORD	ZEQU
2812	93BC	FE	81			.WORD	ZBRAN,7
	93BE	07	00				
2813	93C0	77	8E			.WORD	PDOTQ
2814	93C2	02	4F	4B		.BYTE	2,'OK'
2815	93C5	DD	81			.WORD	BRAN,\$FFE7
	93C7	E7	FF				
2816	93C9	EE	85			.WORD	EXIT
2817							
2818					;	DEFINITIONS	
2819							
2820	93CB	8B	44	45	L93CB	.BYTE	\$8B,'DEFINITION',\$D3
	93CE	46	49	4E			
	93D1	49	54	49			

	93D4	4F	4E	D3			
2821	93D7	9D	93			.WORD	L939D
2822	93D9	18	89		DEFIN	.WORD	DOCOL
2823	93DB	98	8A			.WORD	CONT
2824	93DD	99	88			.WORD	AT
2825	93DF	A5	8A			.WORD	CURR
2826	93E1	BB	88			.WORD	STORE
2827	93E3	EE	85			.WORD	EXIT
2828							
2829					;		(WARM)
2830							
2831	93E5	86	28	57	L93E5	.BYTE	\$86, ' (WARM', \$A9
	93E8	41	52	4D			
	93EB	A9					
2832	93EC	CB	93			.WORD	L93CB
2833	93EE	18	89		PWARM	.WORD	DOCOL
2834	93F0	4B	84			.WORD	SPSTO
2835	93F2	52	8D			.WORD	CRR
2836	93F4	77	8E			.WORD	PDOTQ
2837	93F6	02	4F	4B		.BYTE	2, 'OK'
2838	93F9	41	8D			.WORD	DECIM
2839	93FB	5C	06			.WORD	FORTH
2840	93FD	D9	93			.WORD	DEFIN
2841	93FF	A4	93			.WORD	QUIT
2842	9401	EE	85			.WORD	EXIT
2843							
2844					;		(ABORT)
2845							
2846	9403	87	28	41	L9403	.BYTE	\$87, ' (ABORT', \$A9
	9406	42	4F	52			
	9409	54	A9				
2847	940B	E5	93			.WORD	L93E5
2848	940D	18	89		PABOR	.WORD	DOCOL
2849	940F	4B	84			.WORD	SPSTO
2850	9411	52	8D			.WORD	CRR
2851	9413	52	8D			.WORD	CRR
2852	9415	77	8E			.WORD	PDOTQ
2853	9417	05	46	4F		.BYTE	5, 'FORTH'
	941A	52	54	48			
2854	941D	EE	93			.WORD	PWARM
2855	941F	EE	85			.WORD	EXIT
2856							
2857					;		ESCAPE
2858							
2859	9421	86	45	53	L9421	.BYTE	\$86, 'ESCAP', \$C5
	9424	43	41	50			
	9427	C5					
2860	9428	64	06			.WORD	LA04F-REL
2861	942A	18	89		ESCAPE	.WORD	DOCOL
2862	942C	4B	84			.WORD	SPSTO
2863	942E	52	8D			.WORD	CRR
2864	9430	77	8E			.WORD	PDOTQ
2865	9432	06	45	73		.BYTE	6, 'Escape'
	9435	63	61	70			
	9438	65					
2866	9439	A4	93			.WORD	QUIT
2867	943B	EE	85			.WORD	EXIT
2868							
2869					;		OSERROR
2870							
2871	943D	87	4F	53	L943D	.BYTE	\$87, 'OSERRO', \$D2
	9440	45	52	52			
	9443	4F	D2				
2872	9445	21	94			.WORD	L9421
2873	9447	18	89		OSERR	.WORD	DOCOL
2874	9449	4B	84			.WORD	SPSTO

2875	944B	52	8D			.WORD	CRR
2876	944D	77	8E			.WORD	PDOTQ
2877	944F	0A	4F	2E		.BYTE	10, 'O.S.Error '
	9452	53	2E	45			
	9455	72	72	6F			
	9458	72	20				
2878	945A	50	81			.WORD	LIT, \$FD
	945C	FD	00				
2879	945E	99	88			.WORD	AT
2880	9460	54	87			.WORD	DUPP
2881	9462	8A	88			.WORD	CAT
2882	9464	C1	97			.WORD	DECDOT
2883	9466	AF	89			.WORD	ZERO
2884	9468	87	9D			.WORD	CLOSE
2885	946A	3C	8B			.WORD	SPACE
2886	946C	E5	8A			.WORD	ONEP
2887	946E	54	87			.WORD	DUPP
2888	9470	8A	88			.WORD	CAT
2889	9472	54	87			.WORD	DUPP
2890	9474	FE	81			.WORD	ZBRAN, 8
	9476	08	00				
2891	9478	17	06			.WORD	EMIT
2892	947A	DD	81			.WORD	BRAN, \$FFF0
	947C	F0	FF				
2893	947E	4C	87			.WORD	TDROP
2894	9480	EE	93			.WORD	PWARM
2895	9482	EE	85			.WORD	EXIT
2896							
2897					;	MODE	
2898							
2899	9484	84	4D	4F	L9484	.BYTE	\$84, 'MOD', \$C5
	9487	44	C5				
2900	9489	3D	94			.WORD	L943D
2901	948B	18	89		MODE	.WORD	DOCOL
2902	948D	ED	82			.WORD	HIADR
2903	948F	A7	89			.WORD	TRUE
2904	9491	9B	8B			.WORD	EQUAL
2905	9493	FE	81			.WORD	ZBRAN, 8
	9495	08	00				
2906	9497	54	87			.WORD	DUPP
2907	9499	09	83			.WORD	MODADR
2908	949B	7A	B0			.WORD	MOVBUF
2909	949D	50	81			.WORD	LIT, \$16
	949F	16	00				
2910	94A1	95	84			.WORD	TOVDU
2911	94A3	95	84			.WORD	TOVDU
2912	94A5	EE	85			.WORD	EXIT
2913							
2914					;	START	
2915							
2916	94A7	85	53	54	L94A7	.BYTE	\$85, 'STAR', \$D4
	94AA	41	52	D4			
2917	94AD	84	94			.WORD	L9484
2918	94AF	18	89		START	.WORD	DOCOL
2919	94B1	4B	84			.WORD	SPSTO
2920	94B3	50	81			.WORD	LIT, L9FFB
	94B5	FB	9F				
2921	94B7	50	81			.WORD	LIT, RAM
	94B9	10	06				
2922	94BB	50	81			.WORD	LIT, LA19F-L9FFB
	94BD	A4	01				
2923	94BF	A7	84			.WORD	CMOVE
2924	94C1	43	9A			.WORD	INIVEC
2925	94C3	9D	9E			.WORD	INIBUF
2926	94C5	AF	89			.WORD	ZERO
2927	94C7	8B	8A			.WORD	OFFSE

2928	94C9	BB 88		.WORD	STORE	
2929	94CB	50 81		.WORD	LIT,\$1E	
	94CD	1E 00				
2930	94CF	02 8A		.WORD	PORIG	
2931	94D1	99 88		.WORD	AT	
2932	94D3	97 9A		.WORD	PRUNE	
2933	94D5	50 81		.WORD	LIT,3	
	94D7	03 00				
2934	94D9	95 84		.WORD	TOVDU	
2935	94DB	4A 88		.WORD	PAGE	
2936	94DD	F2 8A		.WORD	TWOP	
2937	94DF	54 87		.WORD	DUPP	
2938	94E1	4D 8A		.WORD	DP	
2939	94E3	BB 88		.WORD	STORE	
2940	94E5	45 8A		.WORD	FENCE	
2941	94E7	BB 88		.WORD	STORE	
2942	94E9	0D 94		.WORD	PABOR	
2943	94EB	EE 85		.WORD	EXIT	
2944						
2945	94ED	A9 7E	L94ED	LDA	#\$7E	
2946	94EF	20 F4 FF		JSR	\$\$\$F4	
2947	94F2	AD 2D 81		LDA	L812C+1	
2948	94F5	85 6D		STA	IP+1	
2949	94F7	AD 2C 81		LDA	L812C	
2950	94FA	85 6C		STA	IP	
2951	94FC	A0 0F		LDY	#\$F	
2952	94FE	4C 30 81		JMP	L8130	
2953						
2954	9501	AD 2F 81	L9501	LDA	L812E+1	
2955	9504	85 6D		STA	IP+1	
2956	9506	AD 2E 81		LDA	L812E	
2957	9509	85 6C		STA	IP	
2958	950B	A0 0F		LDY	#\$F	
2959	950D	4C 30 81		JMP	L8130	
2960						
2961			;	COLD		
2962						
2963	9510	84 43 4F	L9510	.BYTE	\$84,'COL',\$C4	
	9513	4C C4				
2964	9515	A7 94		.WORD	L94A7	
2965	9517	19 95	COLD	.WORD	*+2	
2966	9519	AD 2B 81		LDA	L812A+1	; SET BRKVEC
2967	951C	8D 03 02		STA	\$203	
2968	951F	AD 2A 81		LDA	L812A	
2969	9522	8D 02 02		STA	\$202	
2970	9525	AD 09 81		LDA	L8108+1	; POINT TO START
2971	9528	85 6D		STA	IP+1	
2972	952A	AD 08 81		LDA	L8108	
2973	952D	85 6C		STA	IP	
2974	952F	A0 15		LDY	#\$15	
2975	9531	4C 30 81		JMP	L8130	
2976						
2977			;	WARM		
2978						
2979	9534	84 57 41	L9534	.BYTE	\$84,'WAR',\$CD	
	9537	52 CD				
2980	9539	10 95		.WORD	L9510	
2981	953B	3D 95	WARM	.WORD	*+2	
2982	953D	AD 0B 81		LDA	L810A+1	
2983	9540	85 6D		STA	IP+1	
2984	9542	AD 0A 81		LDA	L810A	
2985	9545	85 6C		STA	IP	
2986	9547	AD 2B 81		LDA	L812A+1	
2987	954A	8D 03 02		STA	\$203	
2988	954D	AD 2A 81		LDA	L812A	
2989	9550	8D 02 02		STA	\$202	

2990	9553	A0 0F			LDY	#\$F
2991	9555	4C 30 81			JMP	L8130
2992						
2993					; S->D	
2994						
2995	9558	84 53 2D	L9558		.BYTE	\$84, 'S->', \$C4
	955B	3E C4				
2996	955D	34 95			.WORD	L9534
2997	955F	61 95	STOD		.WORD	*+2
2998	9561	B5 01			LDA	1,X
2999	9563	10 01			BPL	L9566
3000	9565	88			DEY	
3001	9566	98	L9566		TYA	
3002	9567	48			PHA	
3003	9568	4C 63 81			JMP	PUSH
3004						
3005					; +-	
3006						
3007	956B	82 2B AD	L956B		.BYTE	\$82, '+', \$AD
3008	956E	58 95			.WORD	L9558
3009	9570	18 89	PM		.WORD	DOCOL
3010	9572	7B 86			.WORD	ZLESS
3011	9574	FE 81			.WORD	ZBRAN, 4
	9576	04 00				
3012	9578	11 87			.WORD	NEGAT
3013	957A	EE 85			.WORD	EXIT
3014						
3015					; D+-	
3016						
3017	957C	83 44 2B	L957C		.BYTE	\$83, 'D+', \$AD
	957F	AD				
3018	9580	6B 95			.WORD	L956B
3019	9582	18 89	DPM		.WORD	DOCOL
3020	9584	7B 86			.WORD	ZLESS
3021	9586	FE 81			.WORD	ZBRAN, 4
	9588	04 00				
3022	958A	2B 87			.WORD	DNEGAT
3023	958C	EE 85			.WORD	EXIT
3024						
3025					; ABS	
3026						
3027	958E	83 41 42	L958E		.BYTE	\$83, 'AB', \$D3
	9591	D3				
3028	9592	7C 95			.WORD	L957C
3029	9594	18 89	ABS		.WORD	DOCOL
3030	9596	54 87			.WORD	DUPP
3031	9598	70 95			.WORD	PM
3032	959A	EE 85			.WORD	EXIT
3033						
3034					; DABS	
3035						
3036	959C	84 44 41	L959C		.BYTE	\$84, 'DAB', \$D3
	959F	42 D3				
3037	95A1	8E 95			.WORD	L958E
3038	95A3	18 89	DABS		.WORD	DOCOL
3039	95A5	54 87			.WORD	DUPP
3040	95A7	82 95			.WORD	DPM
3041	95A9	EE 85			.WORD	EXIT
3042						
3043					; MIN	
3044						
3045	95AB	83 4D 49	L95AB		.BYTE	\$83, 'MI', \$CE
	95AE	CE				
3046	95AF	9C 95			.WORD	L959C
3047	95B1	18 89	MIN		.WORD	DOCOL
3048	95B3	77 87			.WORD	TDUP

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3049 95B5 A7 8B .WORD GREAT
3050 95B7 FE 81 .WORD ZBRAN, 4
      95B9 04 00
3051 95BB 96 87 .WORD SWAP
3052 95BD 42 87 .WORD DROP
3053 95BF EE 85 .WORD EXIT
3054
3055 ; MAX
3056
3057 95C1 83 4D 41 L95C1 .BYTE $83, 'MA', $D8
      95C4 D8
3058 95C5 AB 95 .WORD L95AB
3059 95C7 18 89 MAX .WORD DOCOL
3060 95C9 77 87 .WORD TDUP
3061 95CB 8C 86 .WORD LESS
3062 95CD FE 81 .WORD ZBRAN, 4
      95CF 04 00
3063 95D1 96 87 .WORD SWAP
3064 95D3 42 87 .WORD DROP
3065 95D5 EE 85 .WORD EXIT
3066
3067 ; U/MOD
3068
3069 95D7 85 55 2F L95D7 .BYTE $85, 'U/MO', $C4
      95DA 4D 4F C4
3070 95DD C1 95 .WORD L95C1
3071 95DF 18 89 USMOD .WORD DOCOL
3072 95E1 65 87 .WORD QDUP
3073 95E3 FE 81 .WORD ZBRAN, 8
      95E5 08 00
3074 95E7 0D 85 .WORD USLAS
3075 95E9 DD 81 .WORD BRAN, 8
      95EB 08 00
3076 95ED 50 81 .WORD LIT, 11
      95EF 0B 00
3077 95F1 EC 90 .WORD ERROR
3078 95F3 EE 85 .WORD EXIT
3079
3080 ; M*
3081
3082 95F5 82 4D AA L95F5 .BYTE $82, 'M', $AA
3083 95F8 D7 95 .WORD L95D7
3084 95FA 18 89 MSTAR .WORD DOCOL
3085 95FC 77 87 .WORD TDUP
3086 95FE 7F 85 .WORD XORR
3087 9600 14 86 .WORD TOR
3088 9602 94 95 .WORD ABS
3089 9604 96 87 .WORD SWAP
3090 9606 94 95 .WORD ABS
3091 9608 DA 84 .WORD USTAR
3092 960A 24 86 .WORD RFROM
3093 960C 82 95 .WORD DPM
3094 960E EE 85 .WORD EXIT
3095
3096 ; M/
3097
3098 9610 82 4D AF L9610 .BYTE $82, 'M', $AF
3099 9613 F5 95 .WORD L95F5
3100 9615 18 89 MSLAS .WORD DOCOL
3101 9617 D9 87 .WORD OVER
3102 9619 14 86 .WORD TOR
3103 961B 14 86 .WORD TOR
3104 961D A3 95 .WORD DABS
3105 961F FE 85 .WORD RAT
3106 9621 94 95 .WORD ABS
3107 9623 DF 95 .WORD USMOD

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3108	9625	24	86			.WORD	RFROM
3109	9627	FE	85			.WORD	RAT
3110	9629	7F	85			.WORD	XORR
3111	962B	70	95			.WORD	PM
3112	962D	96	87			.WORD	SWAP
3113	962F	24	86			.WORD	RFROM
3114	9631	70	95			.WORD	PM
3115	9633	96	87			.WORD	SWAP
3116	9635	EE	85			.WORD	EXIT
3117							
3118					;	*	
3119							
3120	9637	81	AA	L9637		.BYTE	\$81,\$AA
3121	9639	10	96			.WORD	L9610
3122	963B	18	89	STAR		.WORD	DOCOL
3123	963D	DA	84			.WORD	USTAR
3124	963F	42	87			.WORD	DROP
3125	9641	EE	85			.WORD	EXIT
3126							
3127					;	/MOD	
3128							
3129	9643	84	2F 4D	L9643		.BYTE	\$84,'/MO',\$C4
	9646	4F	C4				
3130	9648	37	96			.WORD	L9637
3131	964A	18	89	SLMOD		.WORD	DOCOL
3132	964C	14	86			.WORD	TOR
3133	964E	5F	95			.WORD	STOD
3134	9650	24	86			.WORD	RFROM
3135	9652	15	96			.WORD	MSLAS
3136	9654	EE	85			.WORD	EXIT
3137							
3138					;	/	
3139							
3140	9656	81	AF	L9656		.BYTE	\$81,\$AF
3141	9658	43	96			.WORD	L9643
3142	965A	18	89	SLASH		.WORD	DOCOL
3143	965C	4A	96			.WORD	SLMOD
3144	965E	96	87			.WORD	SWAP
3145	9660	42	87			.WORD	DROP
3146	9662	EE	85			.WORD	EXIT
3147							
3148					;	MOD	
3149							
3150	9664	83	4D 4F	L9664		.BYTE	\$83,'MO',\$C4
	9667	C4					
3151	9668	56	96			.WORD	L9656
3152	966A	18	89	MOD		.WORD	DOCOL
3153	966C	4A	96			.WORD	SLMOD
3154	966E	42	87			.WORD	DROP
3155	9670	EE	85			.WORD	EXIT
3156							
3157					;	*/MOD	
3158							
3159	9672	85	2A 2F	L9672		.BYTE	\$85,'*/MO',\$C4
	9675	4D 4F	C4				
3160	9678	64	96			.WORD	L9664
3161	967A	18	89	SSLMOD		.WORD	DOCOL
3162	967C	14	86			.WORD	TOR
3163	967E	FA	95			.WORD	MSTAR
3164	9680	24	86			.WORD	RFROM
3165	9682	15	96			.WORD	MSLAS
3166	9684	EE	85			.WORD	EXIT
3167							
3168					;	*/	
3169							
3170	9686	82	2A AF	L9686		.BYTE	\$82,'*',\$AF

3171	9689	72	96			.WORD	L9672
3172	968B	18	89	SSLASH		.WORD	DOCOL
3173	968D	7A	96			.WORD	SSLMOD
3174	968F	96	87			.WORD	SWAP
3175	9691	42	87			.WORD	DROP
3176	9693	EE	85			.WORD	EXIT
3177							
3178				;	M/MOD		
3179							
3180	9695	85	4D	2F	L9695	.BYTE	\$85, 'M/MO', \$C4
	9698	4D	4F	C4			
3181	969B	86	96			.WORD	L9686
3182	969D	18	89	MSLMOD		.WORD	DOCOL
3183	969F	14	86			.WORD	TOR
3184	96A1	AF	89			.WORD	ZERO
3185	96A3	FE	85			.WORD	RAT
3186	96A5	DF	95			.WORD	USMOD
3187	96A7	24	86			.WORD	RFROM
3188	96A9	96	87			.WORD	SWAP
3189	96AB	14	86			.WORD	TOR
3190	96AD	DF	95			.WORD	USMOD
3191	96AF	24	86			.WORD	RFROM
3192	96B1	EE	85			.WORD	EXIT
3193							
3194				;	SPACES		
3195							
3196	96B3	86	53	50	L96B3	.BYTE	\$86, 'SPACE', \$D3
	96B6	41	43	45			
	96B9	D3					
3197	96BA	95	96			.WORD	L9695
3198	96BC	18	89	SPACS		.WORD	DOCOL
3199	96BE	AF	89			.WORD	ZERO
3200	96C0	C7	95			.WORD	MAX
3201	96C2	65	87			.WORD	QDUP
3202	96C4	FE	81			.WORD	ZBRAN, \$C
	96C6	0C	00				
3203	96C8	AF	89			.WORD	ZERO
3204	96CA	CF	82			.WORD	XDO
3205	96CC	3C	8B			.WORD	SPACE
3206	96CE	96	82			.WORD	XPULO, \$FFFC
	96D0	FC	FF				
3207	96D2	EE	85			.WORD	EXIT
3208							
3209				;	<#		
3210							
3211	96D4	82	3C	A3	L96D4	.BYTE	\$82, '<', \$A3
3212	96D7	B3	96			.WORD	L96B3
3213	96D9	18	89	BDIG		.WORD	DOCOL
3214	96DB	DC	89			.WORD	PAD
3215	96DD	DD	8A			.WORD	HLD
3216	96DF	BB	88			.WORD	STORE
3217	96E1	EE	85			.WORD	EXIT
3218							
3219				;	#>		
3220							
3221	96E3	82	23	BE	L96E3	.BYTE	\$82, '#', \$BE
3222	96E6	D4	96			.WORD	L96D4
3223	96E8	18	89	EDIG		.WORD	DOCOL
3224	96EA	4C	87			.WORD	TDROP
3225	96EC	DD	8A			.WORD	HLD
3226	96EE	99	88			.WORD	AT
3227	96F0	DC	89			.WORD	PAD
3228	96F2	D9	87			.WORD	OVER
3229	96F4	8F	8B			.WORD	SUBB
3230	96F6	EE	85			.WORD	EXIT
3231							

3232	96F8	66			.BYTE	\$66
3233						
3234				;	SIGN	
3235						
3236	96F9	84 53 49	L96F9		.BYTE	\$84,'SIG', \$CE
	96FC	47 CE				
3237	96FE	E3 96			.WORD	L96E3
3238	9700	18 89	SIGN		.WORD	DOCOL
3239	9702	05 88			.WORD	ROT
3240	9704	7B 86			.WORD	ZLESS
3241	9706	FE 81			.WORD	ZBRAN, 8
	9708	08 00				
3242	970A	50 81			.WORD	LIT, '-'
	970C	2D 00				
3243	970E	D5 8F			.WORD	HOLD
3244	9710	EE 85			.WORD	EXIT
3245						
3246				;	#	
3247						
3248	9712	81 A3	L9712		.BYTE	\$81, \$A3
3249	9714	F9 96			.WORD	L96F9
3250	9716	18 89	DIG		.WORD	DOCOL
3251	9718	BA 8A			.WORD	BASE
3252	971A	99 88			.WORD	AT
3253	971C	9D 96			.WORD	MSLMOD
3254	971E	05 88			.WORD	ROT
3255	9720	50 81			.WORD	LIT, 9
	9722	09 00				
3256	9724	D9 87			.WORD	OVER
3257	9726	8C 86			.WORD	LESS
3258	9728	FE 81			.WORD	ZBRAN, 8
	972A	08 00				
3259	972C	50 81			.WORD	LIT, 7
	972E	07 00				
3260	9730	D3 86			.WORD	PLUS
3261	9732	50 81			.WORD	LIT, '0'
	9734	30 00				
3262	9736	D3 86			.WORD	PLUS
3263	9738	D5 8F			.WORD	HOLD
3264	973A	EE 85			.WORD	EXIT
3265						
3266				;	#S	
3267						
3268	973C	82 23 D3	L973C		.BYTE	\$82, '#', \$D3
3269	973F	12 97			.WORD	L9712
3270	9741	18 89	DIGS		.WORD	DOCOL
3271	9743	16 97			.WORD	DIG
3272	9745	77 87			.WORD	TDUP
3273	9747	69 85			.WORD	ORR
3274	9749	66 86			.WORD	ZEQU
3275	974B	FE 81			.WORD	ZBRAN, \$FFF6
	974D	F6 FF				
3276	974F	EE 85			.WORD	EXIT
3277						
3278				;	D.R	
3279						
3280	9751	83 44 2E	L9751		.BYTE	\$83, 'D.', \$D2
	9754	D2				
3281	9755	3C 97			.WORD	L973C
3282	9757	18 89	DDOTR		.WORD	DOCOL
3283	9759	14 86			.WORD	TOR
3284	975B	96 87			.WORD	SWAP
3285	975D	D9 87			.WORD	OVER
3286	975F	A3 95			.WORD	DABS
3287	9761	D9 96			.WORD	BDIG
3288	9763	41 97			.WORD	DIGS

3289	9765	00	97			.WORD	SIGN
3290	9767	E8	96			.WORD	EDIG
3291	9769	24	86			.WORD	RFROM
3292	976B	D9	87			.WORD	OVER
3293	976D	8F	8B			.WORD	SUBB
3294	976F	BC	96			.WORD	SPACS
3295	9771	F6	8D			.WORD	TYPE
3296	9773	EE	85			.WORD	EXIT
3297							
3298							
3299							
3300	9775	82	44	AE	L9775	.BYTE	\$82,'D',\$AE
3301	9778	51	97			.WORD	L9751
3302	977A	18	89		DDOT	.WORD	DOCOL
3303	977C	AF	89			.WORD	ZERO
3304	977E	57	97			.WORD	DDOTR
3305	9780	3C	8B			.WORD	SPACE
3306	9782	EE	85			.WORD	EXIT
3307							
3308							
3309							
3310	9784	82	2E	D2	L9784	.BYTE	\$82,'.', \$D2
3311	9787	75	97			.WORD	L9775
3312	9789	18	89		DOTR	.WORD	DOCOL
3313	978B	14	86			.WORD	TOR
3314	978D	5F	95			.WORD	STOD
3315	978F	24	86			.WORD	RFROM
3316	9791	57	97			.WORD	DDOTR
3317	9793	EE	85			.WORD	EXIT
3318							
3319							
3320							
3321	9795	81	AE		L9795	.BYTE	\$81,\$AE
3322	9797	84	97			.WORD	L9784
3323	9799	18	89		DOT	.WORD	DOCOL
3324	979B	5F	95			.WORD	STOD
3325	979D	7A	97			.WORD	DDOT
3326	979F	EE	85			.WORD	EXIT
3327							
3328							
3329							
3330	97A1	82	55	AE	L97A1	.BYTE	\$82,'U',\$AE
3331	97A4	95	97			.WORD	L9795
3332	97A6	18	89		UDOT	.WORD	DOCOL
3333	97A8	AF	89			.WORD	ZERO
3334	97AA	7A	97			.WORD	DDOT
3335	97AC	EE	85			.WORD	EXIT
3336							
3337							
3338							
3339	97AE	81	BF		L97AE	.BYTE	\$81,\$BF
3340	97B0	A1	97			.WORD	L97A1
3341	97B2	18	89		QUES	.WORD	DOCOL
3342	97B4	99	88			.WORD	AT
3343	97B6	99	97			.WORD	DOT
3344	97B8	EE	85			.WORD	EXIT
3345							
3346							
3347							
3348	97BA	84	44	45	L97BA	.BYTE	\$84,'DEC',\$AE
	97BD	43	AE				
3349	97BF	AE	97			.WORD	L97AE
3350	97C1	18	89		DECDOT	.WORD	DOCOL
3351	97C3	BA	8A			.WORD	BASE
3352	97C5	99	88			.WORD	AT
3353	97C7	96	87			.WORD	SWAP


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3354 97C9 41 8D .WORD DECIM
3355 97CB 99 97 .WORD DOT
3356 97CD BA 8A .WORD BASE
3357 97CF BB 88 .WORD STORE
3358 97D1 EE 85 .WORD EXIT
3359
3360 ; H.
3361
3362 97D3 82 48 AE L97D3 .BYTE $82,'H',$AE
3363 97D6 BA 97 .WORD L97BA
3364 97D8 18 89 HDOT .WORD DOCOL
3365 97DA BA 8A .WORD BASE
3366 97DC 99 88 .WORD AT
3367 97DE 96 87 .WORD SWAP
3368 97E0 2B 8D .WORD HEX
3369 97E2 99 97 .WORD DOT
3370 97E4 BA 8A .WORD BASE
3371 97E6 BB 88 .WORD STORE
3372 97E8 EE 85 .WORD EXIT
3373
3374 ; MSG#
3375
3376 97EA 84 4D 53 L97EA .BYTE $84,'MSG',$A3
3377 97ED 47 A3
3378 97EF D3 97 .WORD L97D3
3379 97F1 18 89 MSGNUM .WORD DOCOL
3380 97F3 65 87 .WORD QDUP
3381 97F5 FE 81 .WORD ZBRAN,$D
3382 97F7 0D 00
3383 97F9 77 8E .WORD PDOTQ
3384 97FB 06 4D 53 .BYTE 6,'MSG # '
3385 97FE 47 20 23
3386 9801 20
3387 9802 C1 97 .WORD DECDOT
3388 9804 EE 85 .WORD EXIT
3389
3390 ; 2*
3391
3392 9806 82 32 AA L9806 .BYTE $82,'2',$AA
3393 9809 70 06 .WORD LA05B-REL
3394 980B 0D 98 TSTAR .WORD *+2
3395 980D 16 00 ASL 0,X
3396 980F 36 01 ROL 1,X
3397 9811 4C 6A 81 JMP NEXT
3398
3399 ; 2/
3400
3401 9814 82 32 AF L9814 .BYTE $82,'2',$AF
3402 9817 06 98 .WORD L9806
3403 9819 1B 98 TSLAS .WORD *+2
3404 981B 18 CLC
3405 981C B5 01 LDA 1,X
3406 981E 10 09 BPL L9829
3407 9820 F6 00 INC 0,X
3408 9822 D0 02 BNE L9826
3409 9824 F6 01 INC 1,X
3410 9826 F0 01 L9826 BEQ L9829
3411 9828 38 SEC
3412 9829 76 01 L9829 ROR 1,X
3413 982B 76 00 ROR 0,X
3414 982D 4C 6A 81 JMP NEXT
3415
3416 ; J
3417
3418 9830 81 CA L9830 .BYTE $81,$CA
3419 9832 14 98 .WORD L9814

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3416	9834	18	89		JDO	.WORD	DOCOL
3417	9836	37	84			.WORD	RPAT
3418	9838	50	81			.WORD	LIT,7
	983A	07	00				
3419	983C	D3	86			.WORD	PLUS
3420	983E	99	88			.WORD	AT
3421	9840	EE	85			.WORD	EXIT
3422							
3423					;	BACK	
3424							
3425	9842	84	42	41	L9842	.BYTE	\$84,'BAC',\$CB
	9845	43	CB				
3426	9847	30	98			.WORD	L9830
3427	9849	18	89		BACK	.WORD	DOCOL
3428	984B	1C	8B			.WORD	HERE
3429	984D	8F	8B			.WORD	SUBB
3430	984F	48	8B			.WORD	COMMA
3431	9851	EE	85			.WORD	EXIT
3432							
3433					;	DO	
3434							
3435	9853	C2	44	CF	L9853	.BYTE	\$C2,'D',\$CF
3436	9856	42	98			.WORD	L9842
3437	9858	18	89		DO	.WORD	DOCOL
3438	985A	D5	8C			.WORD	COMP
3439	985C	CF	82			.WORD	XDO
3440	985E	1C	8B			.WORD	HERE
3441	9860	50	81			.WORD	LIT,3
	9862	03	00				
3442	9864	EE	85			.WORD	EXIT
3443							
3444					;	LOOP	
3445							
3446	9866	C4	4C	4F	L9866	.BYTE	\$C4,'LOO',\$D0
	9869	4F	D0				
3447	986B	53	98			.WORD	L9853
3448	986D	18	89		LOOP	.WORD	DOCOL
3449	986F	50	81			.WORD	LIT,3
	9871	03	00				
3450	9873	73	8C			.WORD	QPAIR
3451	9875	D5	8C			.WORD	COMP
3452	9877	1F	82			.WORD	XLOOP
3453	9879	49	98			.WORD	BACK
3454	987B	EE	85			.WORD	EXIT
3455							
3456					;	+LOOP	
3457							
3458	987D	C5	2B	4C	L987D	.BYTE	\$C5,'+LOO',\$D0
	9880	4F	4F	D0			
3459	9883	66	98			.WORD	L9866
3460	9885	18	89		PLOOP	.WORD	DOCOL
3461	9887	50	81			.WORD	LIT,3
	9889	03	00				
3462	988B	73	8C			.WORD	QPAIR
3463	988D	D5	8C			.WORD	COMP
3464	988F	59	82			.WORD	XPLOO
3465	9891	49	98			.WORD	BACK
3466	9893	EE	85			.WORD	EXIT
3467							
3468					;	IF	
3469							
3470	9895	C2	49	C6	L9895	.BYTE	\$C2,'I',\$C6
3471	9898	7D	98			.WORD	L987D
3472	989A	18	89		IFF	.WORD	DOCOL
3473	989C	D5	8C			.WORD	COMP
3474	989E	FE	81			.WORD	ZBRAN

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3475 98A0 1C 8B .WORD HERE
3476 98A2 AF 89 .WORD ZERO
3477 98A4 48 8B .WORD COMMA
3478 98A6 BF 89 .WORD TWO
3479 98A8 EE 85 .WORD EXIT
3480
3481 ; THEN
3482
3483 98AA C4 54 48 L98AA .BYTE $C4,'THE',$CE
      98AD 45 CE
3484 98AF 95 98 .WORD L9895
3485 98B1 18 89 THEN .WORD DOCOL
3486 98B3 44 8C .WORD QCOMP
3487 98B5 BF 89 .WORD TWO
3488 98B7 73 8C .WORD QPAIR
3489 98B9 1C 8B .WORD HERE
3490 98BB D9 87 .WORD OVER
3491 98BD 8F 8B .WORD SUBB
3492 98BF 96 87 .WORD SWAP
3493 98C1 BB 88 .WORD STORE
3494 98C3 EE 85 .WORD EXIT
3495
3496 ; ELSE
3497
3498 98C5 C4 45 4C L98C5 .BYTE $C4,'ELS',$C5
      98C8 53 C5
3499 98CA AA 98 .WORD L98AA
3500 98CC 18 89 ELSE .WORD DOCOL
3501 98CE BF 89 .WORD TWO
3502 98D0 73 8C .WORD QPAIR
3503 98D2 D5 8C .WORD COMP
3504 98D4 DD 81 .WORD BRAN
3505 98D6 1C 8B .WORD HERE
3506 98D8 AF 89 .WORD ZERO
3507 98DA 48 8B .WORD COMMA
3508 98DC 96 87 .WORD SWAP
3509 98DE BF 89 .WORD TWO
3510 98E0 B1 98 .WORD THEN
3511 98E2 BF 89 .WORD TWO
3512 98E4 EE 85 .WORD EXIT
3513
3514 ; BEGIN
3515
3516 98E6 C5 42 45 L98E6 .BYTE $C5,'BEGI',$CE
      98E9 47 49 CE
3517 98EC C5 98 .WORD L98C5
3518 98EE 18 89 BEGIN .WORD DOCOL
3519 98F0 44 8C .WORD QCOMP
3520 98F2 1C 8B .WORD HERE
3521 98F4 B7 89 .WORD ONE
3522 98F6 EE 85 .WORD EXIT
3523
3524 ; UNTIL
3525
3526 98F8 C5 55 4E L98F8 .BYTE $C5,'UNTI',$CC
      98FB 54 49 CC
3527 98FE E6 98 .WORD L98E6
3528 9900 18 89 UNTIL .WORD DOCOL
3529 9902 B7 89 .WORD ONE
3530 9904 73 8C .WORD QPAIR
3531 9906 D5 8C .WORD COMP
3532 9908 FE 81 .WORD ZBRAN
3533 990A 49 98 .WORD BACK
3534 990C EE 85 .WORD EXIT
3535
3536 ; AGAIN

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3537
3538 990E C5 41 47 L990E .BYTE $C5,'AGAI',$CE
      9911 41 49 CE
3539 9914 F8 98          .WORD L98F8
3540 9916 18 89          AGAIN .WORD DOCOL
3541 9918 B7 89          .WORD ONE
3542 991A 73 8C          .WORD QPAIR
3543 991C D5 8C          .WORD COMP
3544 991E DD 81          .WORD BRAN
3545 9920 49 98          .WORD BACK
3546 9922 EE 85          .WORD EXIT
3547
3548          ;          WHILE
3549
3550 9924 C5 57 48 L9924 .BYTE $C5,'WHIL',$C5
      9927 49 4C C5
3551 992A 0E 99          .WORD L990E
3552 992C 18 89          WHILE .WORD DOCOL
3553 992E 9A 98          .WORD IFF
3554 9930 F2 8A          .WORD TWOP
3555 9932 EE 85          .WORD EXIT
3556
3557          ;          REPEAT
3558
3559 9934 C6 52 45 L9934 .BYTE $C6,'REPEA',$D4
      9937 50 45 41
      993A D4
3560 993B 24 99          .WORD L9924
3561 993D 18 89          REPEAT .WORD DOCOL
3562 993F 14 86          .WORD TOR
3563 9941 14 86          .WORD TOR
3564 9943 16 99          .WORD AGAIN
3565 9945 24 86          .WORD RFROM
3566 9947 24 86          .WORD RFROM
3567 9949 BF 89          .WORD TWO
3568 994B 8F 8B          .WORD SUBB
3569 994D B1 98          .WORD THEN
3570 994F EE 85          .WORD EXIT
3571
3572          ;          '
3573
3574 9951 C1 A7          L9951 .BYTE $C1,$A7
3575 9953 34 99          .WORD L9934
3576 9955 18 89          TICK .WORD DOCOL
3577 9957 CC 90          .WORD FIND
3578 9959 54 87          .WORD DUPP
3579 995B 66 86          .WORD ZEQU
3580 995D AF 89          .WORD ZERO
3581 995F 2A 8C          .WORD QERR
3582 9961 F2 8A          .WORD TWOP
3583 9963 14 92          .WORD LITER
3584 9965 EE 85          .WORD EXIT
3585
3586          ;          VLIST
3587
3588 9967 85 56 4C L9967 .BYTE $85,'VLIS',$D4
      996A 49 53 D4
3589 996D 51 99          .WORD L9951
3590 996F 18 89          VLIST .WORD DOCOL
3591 9971 50 81          .WORD LIT,128
      9973 80 00
3592 9975 76 8A          .WORD OUT
3593 9977 BB 88          .WORD STORE
3594 9979 98 8A          .WORD CONT
3595 997B 99 88          .WORD AT
3596 997D 99 88          .WORD AT

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3597	997F	76	8A			.WORD	OUT
3598	9981	99	88			.WORD	AT
3599	9983	D2	89			.WORD	CSLL
3600	9985	A7	8B			.WORD	GREAT
3601	9987	FE	81			.WORD	ZBRAN,\$A
	9989	0A	00				
3602	998B	52	8D			.WORD	CRR
3603	998D	AF	89			.WORD	ZERO
3604	998F	76	8A			.WORD	OUT
3605	9991	BB	88			.WORD	STORE
3606	9993	54	87			.WORD	DUPP
3607	9995	23	91			.WORD	IDDOT
3608	9997	3C	8B			.WORD	SPACE
3609	9999	3C	8B			.WORD	SPACE
3610	999B	F6	8B			.WORD	PFA
3611	999D	C6	8B			.WORD	LFA
3612	999F	99	88			.WORD	AT
3613	99A1	54	87			.WORD	DUPP
3614	99A3	17	8D			.WORD	QTAB
3615	99A5	FE	81			.WORD	ZBRAN,\$1E
	99A7	1E	00				
3616	99A9	17	8D			.WORD	QTAB
3617	99AB	0A	8C			.WORD	NOT
3618	99AD	FE	81			.WORD	ZBRAN,\$FFFA
	99AF	FA	FF				
3619	99B1	21	06			.WORD	KEY
3620	99B3	C8	89			.WORD	BLL
3621	99B5	9B	8B			.WORD	EQUAL
3622	99B7	FE	81			.WORD	ZBRAN,8
	99B9	08	00				
3623	99BB	A7	89			.WORD	TRUE
3624	99BD	DD	81			.WORD	BRAN,4
	99BF	04	00				
3625	99C1	AF	89			.WORD	ZERO
3626	99C3	54	85			.WORD	ANDD
3627	99C5	66	86			.WORD	ZEQU
3628	99C7	FE	81			.WORD	ZBRAN,\$FFB6
	99C9	B6	FF				
3629	99CB	42	87			.WORD	DROP
3630	99CD	EE	85			.WORD	EXIT
3631							
3632				;		NOVEC	
3633							
3634	99CF	85	4E	4F	L99CF	.BYTE	\$85,'NOVE', \$C3
	99D2	56	45	C3			
3635	99D5	67	99			.WORD	L9967
3636	99D7	18	89		NOVEC	.WORD	DOCOL
3637	99D9	50	81			.WORD	LIT,12
	99DB	0C	00				
3638	99DD	EC	90			.WORD	ERROR
3639	99DF	EE	85			.WORD	EXIT
3640							
3641				;		EXVEC:	
3642							
3643	99E1	86	45	58	L99E1	.BYTE	\$86,'EXVEC', \$BA
	99E4	56	45	43			
	99E7	BA					
3644	99E8	CF	99			.WORD	L99CF
3645	99EA	18	89		XVEC	.WORD	DOCOL
3646	99EC	46	06			.WORD	CREAT
3647	99EE	50	81			.WORD	LIT,NOVEC
	99F0	D7	99				
3648	99F2	48	8B			.WORD	COMMA
3649	99F4	72	8D			.WORD	PSCOD
3650	99F6	20	B2	8D	DOXVEC	JSR	DODOE
3651	99F9	BF	81			.WORD	ATEXEC

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3652 99FB EE 85 .WORD EXIT
3653
3654 ; ASSIGN
3655
3656 99FD C6 41 53 L99FD .BYTE $C6,'ASSIG',$CE
      9A00 53 49 47
      9A03 CE
3657 9A04 E1 99 .WORD L99E1
3658 9A06 18 89 ASSIGN .WORD DOCOL
3659 9A08 55 99 .WORD TICK
3660 9A0A EE 85 .WORD EXIT
3661
3662 ; DOVEC
3663
3664 9A0C 85 44 4F L9A0C .BYTE $85,'DOVE',$C3
      9A0F 56 45 C3
3665 9A12 FD 99 .WORD L99FD
3666 9A14 18 89 DOVEC .WORD DOCOL
3667 9A16 EA 8B .WORD CFA
3668 9A18 96 87 .WORD SWAP
3669 9A1A BB 88 .WORD STORE
3670 9A1C EE 85 .WORD EXIT
3671
3672 ; TO-DO
3673
3674 9A1E C5 54 4F L9A1E .BYTE $C5,'TO-D',$CF
      9A21 2D 44 CF
3675 9A24 0C 9A .WORD L9A0C
3676 9A26 18 89 TODO .WORD DOCOL
3677 9A28 55 99 .WORD TICK
3678 9A2A B0 8A .WORD STATE
3679 9A2C 99 88 .WORD AT
3680 9A2E FE 81 .WORD ZBRAN,4
      9A30 04 00
3681 9A32 D5 8C .WORD COMP
3682 9A34 14 9A .WORD DOVEC
3683 9A36 EE 85 .WORD EXIT
3684
3685 ; INITVECS
3686
3687 9A38 88 49 4E L9A38 .BYTE $88,'INITVEC',$D3
      9A3B 49 54 56
      9A3E 45 43 D3
3688 9A41 1E 9A .WORD L9A1E
3689 9A43 18 89 INIVEC .WORD DOCOL
3690 9A45 37 A3 .WORD QRSW
3691 9A47 50 81 .WORD LIT,PUPDA
      9A49 F5 9E
3692 9A4B 50 81 .WORD LIT,UPDAT+2
      9A4D 08 07
3693 9A4F BB 88 .WORD STORE
3694 9A51 50 81 .WORD LIT,PEMIT
      9A53 73 84
3695 9A55 50 81 .WORD LIT,EMIT+2
      9A57 19 06
3696 9A59 BB 88 .WORD STORE
3697 9A5B 50 81 .WORD LIT,PKEY
      9A5D DF 85
3698 9A5F 50 81 .WORD LIT,KEY+2
      9A61 23 06
3699 9A63 BB 88 .WORD STORE
3700 9A65 50 81 .WORD LIT,PCREAT
      9A67 5A 91
3701 9A69 50 81 .WORD LIT,CREAT+2
      9A6B 48 06
3702 9A6D BB 88 .WORD STORE

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3703	9A6F	50	81			.WORD	LIT,PNUM
	9A71	01	93				
3704	9A73	50	81			.WORD	LIT,NUM+2
	9A75	52	06				
3705	9A77	BB	88			.WORD	STORE
3706	9A79	50	81			.WORD	LIT,PABOR
	9A7B	0D	94				
3707	9A7D	50	81			.WORD	LIT,ABORT+2
	9A7F	6E	06				
3708	9A81	BB	88			.WORD	STORE
3709	9A83	50	81			.WORD	LIT,MSG
	9A85	0E	B1				
3710	9A87	50	81			.WORD	LIT,MESS+2
	9A89	7C	06				
3711	9A8B	BB	88			.WORD	STORE
3712	9A8D	EE	85			.WORD	EXIT
3713							
3714					;	PRUNE	
3715							
3716	9A8F	85	50	52	L9A8F	.BYTE	\$85,'PRUN', \$C5
	9A92	55	4E	C5			
3717	9A95	38	9A			.WORD	L9A38
3718	9A97	18	89		PRUNE	.WORD	DOCOL
3719	9A99	5B	8A			.WORD	VOCL
3720	9A9B	99	88			.WORD	AT
3721	9A9D	54	87			.WORD	DUPP
3722	9A9F	FE	81			.WORD	ZBRAN, \$5A
	9AA1	5A	00				
3723	9AA3	54	87			.WORD	DUPP
3724	9AA5	0D	8B			.WORD	TWOSUB
3725	9AA7	A5	8A			.WORD	CURR
3726	9AA9	BB	88			.WORD	STORE
3727	9AAB	96	87			.WORD	SWAP
3728	9AAD	54	87			.WORD	DUPP
3729	9AAF	00	8B			.WORD	ONESUB
3730	9AB1	14	86			.WORD	TOR
3731	9AB3	6C	8B			.WORD	LAST
3732	9AB5	FE	85			.WORD	RAT
3733	9AB7	D9	87			.WORD	OVER
3734	9AB9	B4	8B			.WORD	ULESS
3735	9ABB	D9	87			.WORD	OVER
3736	9ABD	50	81			.WORD	LIT, \$8000
	9ABF	00	80				
3737	9AC1	B4	8B			.WORD	ULESS
3738	9AC3	54	85			.WORD	ANDD
3739	9AC5	FE	81			.WORD	ZBRAN, \$C
	9AC7	0C	00				
3740	9AC9	F6	8B			.WORD	PFA
3741	9ACB	C6	8B			.WORD	LFA
3742	9ACD	99	88			.WORD	AT
3743	9ACF	DD	81			.WORD	BRAN, \$FFE4
	9AD1	E4	FF				
3744	9AD3	A5	8A			.WORD	CURR
3745	9AD5	99	88			.WORD	AT
3746	9AD7	BB	88			.WORD	STORE
3747	9AD9	24	86			.WORD	RFROM
3748	9ADB	42	87			.WORD	DROP
3749	9ADD	D9	87			.WORD	OVER
3750	9ADF	99	88			.WORD	AT
3751	9AE1	96	87			.WORD	SWAP
3752	9AE3	05	88			.WORD	ROT
3753	9AE5	D9	87			.WORD	OVER
3754	9AE7	96	87			.WORD	SWAP
3755	9AE9	B4	8B			.WORD	ULESS
3756	9AEB	FE	81			.WORD	ZBRAN, 8
	9AED	08	00				

3757	9AEF	D9	87			.WORD	OVER
3758	9AF1	5B	8A			.WORD	VOCL
3759	9AF3	BB	88			.WORD	STORE
3760	9AF5	96	87			.WORD	SWAP
3761	9AF7	DD	81			.WORD	BRAN,\$FFA4
	9AF9	A4	FF				
3762	9AFB	4C	87			.WORD	TDROP
3763	9AFD	5C	06			.WORD	FORTH
3764	9AFF	D9	93			.WORD	DEFIN
3765	9B01	EE	85			.WORD	EXIT
3766							
3767					;	FORGET	
3768							
3769	9B03	86	46	4F	L9B03	.BYTE	\$86,'FORGE',\$D4
	9B06	52	47	45			
	9B09	D4					
3770	9B0A	8F	9A			.WORD	L9A8F
3771	9B0C	18	89		FORG	.WORD	DOCOL
3772	9B0E	A5	8A			.WORD	CURR
3773	9B10	99	88			.WORD	AT
3774	9B12	99	88			.WORD	AT
3775	9B14	B9	90			.WORD	DFIND
3776	9B16	66	86			.WORD	ZEQU
3777	9B18	50	81			.WORD	LIT,24
	9B1A	18	00				
3778	9B1C	2A	8C			.WORD	QERR
3779	9B1E	42	87			.WORD	DROP
3780	9B20	F2	8A			.WORD	TWOP
3781	9B22	D6	8B			.WORD	NFA
3782	9B24	AF	89			.WORD	ZERO
3783	9B26	02	8A			.WORD	PORIG
3784	9B28	D9	87			.WORD	OVER
3785	9B2A	B4	8B			.WORD	ULESS
3786	9B2C	D9	87			.WORD	OVER
3787	9B2E	45	8A			.WORD	FENCE
3788	9B30	99	88			.WORD	AT
3789	9B32	B4	8B			.WORD	ULESS
3790	9B34	69	85			.WORD	ORR
3791	9B36	50	81			.WORD	LIT,21
	9B38	15	00				
3792	9B3A	2A	8C			.WORD	QERR
3793	9B3C	54	87			.WORD	DUPP
3794	9B3E	4D	8A			.WORD	DP
3795	9B40	BB	88			.WORD	STORE
3796	9B42	97	9A			.WORD	PRUNE
3797	9B44	EE	85			.WORD	EXIT
3798							
3799					;	DEPTH	
3800							
3801	9B46	85	44	45	L9B46	.BYTE	\$85,'DEPT',\$C8
	9B49	50	54	C8			
3802	9B4C	03	9B			.WORD	L9B03
3803	9B4E	18	89		DEPTH	.WORD	DOCOL
3804	9B50	28	84			.WORD	SPAT
3805	9B52	11	8A			.WORD	SZERO
3806	9B54	99	88			.WORD	AT
3807	9B56	8F	8B			.WORD	SUBB
3808	9B58	11	87			.WORD	NEGAT
3809	9B5A	19	98			.WORD	TSLAS
3810	9B5C	EE	85			.WORD	EXIT
3811							
3812					;	.S	
3813							
3814	9B5E	82	2E	D3	L9B5E	.BYTE	\$82,'.', \$D3
3815	9B61	46	9B			.WORD	L9B46
3816	9B63	18	89		DOTS	.WORD	DOCOL

3817	9B65	52	8D			.WORD	CRR
3818	9B67	4E	9B			.WORD	DEPTH
3819	9B69	FE	81			.WORD	ZBRAN,\$1A
	9B6B	1A	00				
3820	9B6D	28	84			.WORD	SPAT
3821	9B6F	11	8A			.WORD	SZERO
3822	9B71	99	88			.WORD	AT
3823	9B73	0D	8B			.WORD	TWOSUB
3824	9B75	CF	82			.WORD	XDO
3825	9B77	B7	82			.WORD	IDO
3826	9B79	B2	97			.WORD	QUES
3827	9B7B	9E	89			.WORD	NEGTWO
3828	9B7D	59	82			.WORD	XPLOO,\$FFF8
	9B7F	F8	FF				
3829	9B81	DD	81			.WORD	BRAN,\$B
	9B83	0B	00				
3830	9B85	77	8E			.WORD	PDOTQ
3831	9B87	06	45	4D		.BYTE	6,'EMPTY '
	9B8A	50	54	59			
	9B8D	20					
3832	9B8E	EE	85			.WORD	EXIT
3833							
3834					;	PICK	
3835							
3836	9B90	84	50	49	L9B90	.BYTE	\$84,'PIC',\$CB
	9B93	43	CB				
3837	9B95	5E	9B			.WORD	L9B5E
3838	9B97	99	9B		PICK	.WORD	*+2
3839	9B99	38				SEC	
3840	9B9A	98				TYA	
3841	9B9B	F5	00			SBC	0,X
3842	9B9D	98				TYA	
3843	9B9E	F5	01			SBC	1,X
3844	9BA0	10	14			BPL	L9BB6
3845	9BA2	16	00			ASL	0,X
3846	9BA4	36	01			ROL	1,X
3847	9BA6	18				CLC	
3848	9BA7	8A				TXA	
3849	9BA8	75	00			ADC	0,X
3850	9BAA	A8				TAY	
3851	9BAB	B9	00	00		LDA	0,Y
3852	9BAE	48				PHA	
3853	9BAF	C8				INY	
3854	9BB0	B9	00	00		LDA	0,Y
3855	9BB3	4C	65	81		JMP	PUT
3856							
3857	9BB6	4C	DF	82	L9BB6	JMP	POP
3858							
3859					;	ROLL	
3860							
3861	9BB9	84	52	4F	L9BB9	.BYTE	\$84,'ROL',\$CC
	9BBC	4C	CC				
3862	9BBE	90	9B			.WORD	L9B90
3863	9BC0	C2	9B		ROLL	.WORD	*+2
3864	9BC2	38				SEC	
3865	9BC3	98				TYA	
3866	9BC4	F5	00			SBC	0,X
3867	9BC6	98				TYA	
3868	9BC7	F5	01			SBC	1,X
3869	9BC9	10	28			BPL	L9BF3
3870	9BCB	16	00			ASL	0,X
3871	9BCD	36	01			ROL	1,X
3872	9BCF	18				CLC	
3873	9BD0	8A				TXA	
3874	9BD1	75	00			ADC	0,X
3875	9BD3	A8				TAY	

3876	9BD4	B9 00 00		LDA	0,Y
3877	9BD7	48		PHA	
3878	9BD8	C8		INY	
3879	9BD9	B9 00 00		LDA	0,Y
3880	9BDC	48		PHA	
3881	9BDD	86 68		STX	XSAVE
3882	9BDF	98		TYA	
3883	9BE0	AA		TAX	
3884	9BE1	CA		DEX	
3885	9BE2	CA	L9BE2	DEX	
3886	9BE3	B5 00		LDA	0,X
3887	9BE5	99 00 00		STA	0,Y
3888	9BE8	88		DEY	
3889	9BE9	E4 68		CPX	XSAVE
3890	9BEB	D0 F5		BNE	L9BE2
3891	9BED	E8		INX	
3892	9BEE	E8		INX	
3893	9BEF	68		PLA	
3894	9BF0	4C 65 81		JMP	PUT
3895					
3896	9BF3	4C DF 82	L9BF3	JMP	POP
3897					
3898			;	OSCLI	
3899					
3900	9BF6	85 4F 53	L9BF6	.BYTE	\$85,'OSCL',\$C9
	9BF9	43 4C C9			
3901	9BFC	B9 9B		.WORD	L9BB9
3902	9BFE	00 9C	OSCLI	.WORD	*+2
3903	9C00	86 68		STX	XSAVE
3904	9C02	B4 01		LDY	1,X
3905	9C04	B5 00		LDA	0,X
3906	9C06	AA		TAX	
3907	9C07	20 F7 FF		JSR	\$FFF7
3908	9C0A	A6 68		LDX	XSAVE
3909	9C0C	4C DF 82		JMP	POP
3910					
3911			;	STRING	
3912					
3913	9C0F	86 53 54	L9C0F	.BYTE	\$86,'STRIN',\$C7
	9C12	52 49 4E			
	9C15	C7			
3914	9C16	F6 9B		.WORD	L9BF6
3915	9C18	18 89	STRING	.WORD	DOCOL
3916	9C1A	A7 89		.WORD	TRUE
3917	9C1C	6D 8A		.WORD	INN
3918	9C1E	D3 88		.WORD	PSTOR
3919	9C20	EE 8F		.WORD	PWORD
3920	9C22	00 8B		.WORD	ONESUB
3921	9C24	96 87		.WORD	SWAP
3922	9C26	D9 87		.WORD	OVER
3923	9C28	FE 81		.WORD	ZBRAN,\$A
	9C2A	0A 00			
3924	9C2C	E5 8A		.WORD	ONEP
3925	9C2E	96 87		.WORD	SWAP
3926	9C30	DD 81		.WORD	BRAN,4
	9C32	04 00			
3927	9C34	42 87		.WORD	DROP
3928	9C36	EE 85		.WORD	EXIT
3929					
3930			;	(\$+)	
3931					
3932	9C38	84 28 24	L9C38	.BYTE	\$84,'(\$+', \$A9
	9C3B	2B A9			
3933	9C3D	0F 9C		.WORD	L9C0F
3934	9C3F	18 89	PSA	.WORD	DOCOL
3935	9C41	96 87		.WORD	SWAP

3936	9C43	14	86			.WORD	TOR
3937	9C45	96	87			.WORD	SWAP
3938	9C47	D9	87			.WORD	OVER
3939	9C49	E3	8D			.WORD	COUNT
3940	9C4B	54	87			.WORD	DUPP
3941	9C4D	FE	85			.WORD	RAT
3942	9C4F	D3	86			.WORD	PLUS
3943	9C51	50	81			.WORD	LIT, 5
	9C53	05	00				
3944	9C55	C0	9B			.WORD	ROLL
3945	9C57	AE	88			.WORD	CSTOR
3946	9C59	D3	86			.WORD	PLUS
3947	9C5B	24	86			.WORD	RFROM
3948	9C5D	A7	84			.WORD	CMOVE
3949	9C5F	EE	85			.WORD	EXIT
3950							
3951					;	(CLI)	
3952							
3953	9C61	85	28	43	L9C61	.BYTE	\$85, '(CLI', \$A9
	9C64	4C	49	A9			
3954	9C67	38	9C			.WORD	L9C38
3955	9C69	18	89		PCLI	.WORD	DOCOL
3956	9C6B	FE	85			.WORD	RAT
3957	9C6D	E3	8D			.WORD	COUNT
3958	9C6F	E5	8A			.WORD	ONEP
3959	9C71	24	86			.WORD	RFROM
3960	9C73	D3	86			.WORD	PLUS
3961	9C75	14	86			.WORD	TOR
3962	9C77	FE	9B			.WORD	OSCLI
3963	9C79	EE	85			.WORD	EXIT
3964							
3965					;	>CLI	
3966							
3967	9C7B	C4	3E	43	L9C7B	.BYTE	\$C4, '>CL', \$C9
	9C7E	4C	C9				
3968	9C80	61	9C			.WORD	L9C61
3969	9C82	18	89		TOCLI	.WORD	DOCOL
3970	9C84	B0	8A			.WORD	STATE
3971	9C86	99	88			.WORD	AT
3972	9C88	FE	81			.WORD	ZBRAN, \$C
	9C8A	0C	00				
3973	9C8C	D5	8C			.WORD	COMP
3974	9C8E	69	9C			.WORD	PCLI
3975	9C90	5E	8E			.WORD	TXTCOM
3976	9C92	DD	81			.WORD	BRAN, 6
	9C94	06	00				
3977	9C96	42	87			.WORD	DROP
3978	9C98	FE	9B			.WORD	OSCLI
3979	9C9A	EE	85			.WORD	EXIT
3980							
3981					;	OS'	
3982							
3983	9C9C	C3	4F	53	L9C9C	.BYTE	\$C3, 'OS', \$A7
	9C9F	A7					
3984	9CA0	7B	9C			.WORD	L9C7B
3985	9CA2	18	89		OSTIC	.WORD	DOCOL
3986	9CA4	50	81			.WORD	LIT, \$27
	9CA6	27	00				
3987	9CA8	18	9C			.WORD	STRING
3988	9CAA	65	87			.WORD	QDUP
3989	9CAC	FE	81			.WORD	ZBRAN, \$20
	9CAE	20	00				
3990	9CB0	DC	89			.WORD	PAD
3991	9CB2	AF	89			.WORD	ZERO
3992	9CB4	D9	87			.WORD	OVER
3993	9CB6	BB	88			.WORD	STORE

3994	9CB8	3F	9C			.WORD	PSA
3995	9CBA	50	81			.WORD	LIT,\$D
	9CBC	0D	00				
3996	9CBE	28	84			.WORD	SPAT
3997	9CC0	B7	89			.WORD	ONE
3998	9CC2	DC	89			.WORD	PAD
3999	9CC4	3F	9C			.WORD	PSA
4000	9CC6	42	87			.WORD	DROP
4001	9CC8	DC	89			.WORD	PAD
4002	9CCA	E3	8D			.WORD	COUNT
4003	9CCC	82	9C			.WORD	TOCLI
4004	9CCE	EE	85			.WORD	EXIT
4005							
4006					;	KEY'	
4007							
4008	9CD0	C4	4B	45	L9CD0	.BYTE	\$C4,'KEY',\$A7
	9CD3	59	A7				
4009	9CD5	9C	9C			.WORD	L9C9C
4010	9CD7	18	89		KEYTIC	.WORD	DOCOL
4011	9CD9	B0	8A			.WORD	STATE
4012	9CDB	99	88			.WORD	AT
4013	9CDD	FE	81			.WORD	ZBRAN,\$2A
	9CDF	2A	00				
4014	9CE1	50	81			.WORD	LIT,\$FFFC
	9CE3	FC	FF				
4015	9CE5	2C	8B			.WORD	ALLOT
4016	9CE7	1C	8B			.WORD	HERE
4017	9CE9	99	88			.WORD	AT
4018	9CEB	50	81			.WORD	LIT,LIT+2
	9CED	52	81				
4019	9CEF	EA	8B			.WORD	CFA
4020	9CF1	8F	8B			.WORD	SUBB
4021	9CF3	FE	81			.WORD	ZBRAN,\$E
	9CF5	0E	00				
4022	9CF7	BF	89			.WORD	TWO
4023	9CF9	2C	8B			.WORD	ALLOT
4024	9CFB	1C	8B			.WORD	HERE
4025	9CFD	BF	81			.WORD	ATEXEC
4026	9CFF	DD	81			.WORD	BRAN,8
	9D01	08	00				
4027	9D03	1C	8B			.WORD	HERE
4028	9D05	F2	8A			.WORD	TWOP
4029	9D07	8A	88			.WORD	CAT
4030	9D09	AF	89			.WORD	ZERO
4031	9D0B	D9	96			.WORD	BDIG
4032	9D0D	50	81			.WORD	LIT,'''
	9D0F	22	00				
4033	9D11	D5	8F			.WORD	HOLD
4034	9D13	16	97			.WORD	DIG
4035	9D15	16	97			.WORD	DIG
4036	9D17	50	81			.WORD	LIT,'Y'
	9D19	59	00				
4037	9D1B	D5	8F			.WORD	HOLD
4038	9D1D	50	81			.WORD	LIT,'E'
	9D1F	45	00				
4039	9D21	D5	8F			.WORD	HOLD
4040	9D23	50	81			.WORD	LIT,'K'
	9D25	4B	00				
4041	9D27	D5	8F			.WORD	HOLD
4042	9D29	E8	96			.WORD	EDIG
4043	9D2B	DC	89			.WORD	PAD
4044	9D2D	77	87			.WORD	TDUP
4045	9D2F	AE	88			.WORD	CSTOR
4046	9D31	E5	8A			.WORD	ONEP
4047	9D33	96	87			.WORD	SWAP
4048	9D35	A7	84			.WORD	CMOVE

4049	9D37	50	81		.WORD	LIT,\$27
	9D39	27	00			
4050	9D3B	18	9C		.WORD	STRING
4051	9D3D	65	87		.WORD	QDUP
4052	9D3F	FE	81		.WORD	ZBRAN,6
	9D41	06	00			
4053	9D43	DC	89		.WORD	PAD
4054	9D45	3F	9C		.WORD	PSA
4055	9D47	50	81		.WORD	LIT,\$D22
	9D49	22	0D			
4056	9D4B	28	84		.WORD	SPAT
4057	9D4D	BF	89		.WORD	TWO
4058	9D4F	DC	89		.WORD	PAD
4059	9D51	3F	9C		.WORD	PSA
4060	9D53	42	87		.WORD	DROP
4061	9D55	DC	89		.WORD	PAD
4062	9D57	E3	8D		.WORD	COUNT
4063	9D59	82	9C		.WORD	TOCLI
4064	9D5B	EE	85		.WORD	EXIT
4065						
4066				;	(OPEN)	
4067						
4068	9D5D	86	28 4F	L9D5D	.BYTE	\$86,'(OPEN',\$A9
	9D60	50	45 4E			
	9D63	A9				
4069	9D64	D0	9C		.WORD	L9CD0
4070	9D66	68	9D	POPEN	.WORD	*+2
4071	9D68	86	68		STX	XSAVE
4072	9D6A	B4	01		LDY	1,X
4073	9D6C	B5	00		LDA	0,X
4074	9D6E	AA			TAX	
4075	9D6F	A9	C0		LDA	#\$C0
4076	9D71	20	CE FF		JSR	\$FFCE
4077	9D74	A6	68		LDX	XSAVE
4078	9D76	95	00		STA	0,X
4079	9D78	A0	00		LDY	#0
4080	9D7A	94	01		STY	1,X
4081	9D7C	4C	6A 81		JMP	NEXT
4082						
4083				;	CLOSE	
4084						
4085	9D7F	85	43 4C	L9D7F	.BYTE	\$85,'CLOS',\$C5
	9D82	4F	53 C5			
4086	9D85	5D	9D		.WORD	L9D5D
4087	9D87	89	9D	CLOSE	.WORD	*+2
4088	9D89	98			TYA	
4089	9D8A	B4	00		LDY	0,X
4090	9D8C	20	CE FF		JSR	\$FFCE
4091	9D8F	4C	DF 82		JMP	POP
4092						
4093				;	(R/W)	
4094						
4095	9D92	85	28 52	L9D92	.BYTE	\$85,'(R/W',\$A9
	9D95	2F	57 A9			
4096	9D98	7F	9D		.WORD	L9D7F
4097	9D9A	9C	9D	PRSW	.WORD	*+2
4098	9D9C	B5	00		LDA	0,X
4099	9D9E	E8			INX	
4100	9D9F	E8			INX	
4101	9DA0	E8			INX	
4102	9DA1	86	68		STX	XSAVE
4103	9DA3	20	D1 FF		JSR	\$FFD1
4104	9DA6	A6	68		LDX	XSAVE
4105	9DA8	E8			INX	
4106	9DA9	4C	DD 82		JMP	POPTWO
4107						

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4108                                     ;      OPEN
4109
4110 9DAC 84 4F 50 L9DAC .BYTE $84,'OPE', $CE
      9DAF 45 CE
4111 9DB1 A8 06                                     .WORD LA093-REL
4112 9DB3 18 89 OPEN .WORD DOCOL
4113 9DB5 66 9D .WORD POPEN
4114 9DB7 54 87 .WORD DUPP
4115 9DB9 66 86 .WORD ZEQU
4116 9DBB FE 81 .WORD ZBRAN, $C
      9DBD 0C 00
4117 9DBF AF 89 .WORD ZERO
4118 9DC1 87 9D .WORD CLOSE
4119 9DC3 50 81 .WORD LIT, 8
      9DC5 08 00
4120 9DC7 EC 90 .WORD ERROR
4121 9DC9 A4 06 .WORD CHANNE
4122 9DCB AE 88 .WORD CSTOR
4123 9DCD EE 85 .WORD EXIT
4124
4125                                     ;      DR/W
4126
4127 9DCF 84 44 52 L9DCF .BYTE $84,'DR/', $D7
      9DD2 2F D7
4128 9DD4 AC 9D                                     .WORD L9DAC
4129 9DD6 18 89 DRSW .WORD DOCOL
4130 9DD8 14 86 .WORD TOR
4131 9DDA 96 87 .WORD SWAP
4132 9DDC 14 86 .WORD TOR
4133 9DDE 54 87 .WORD DUPP
4134 9DE0 7B 86 .WORD ZLESS
4135 9DE2 50 81 .WORD LIT, 6
      9DE4 06 00
4136 9DE6 2A 8C .WORD QERR
4137 9DE8 87 06 .WORD SFILE
4138 9DEA 4A 96 .WORD SLMOD
4139 9DEC 54 87 .WORD DUPP
4140 9DEE 96 06 .WORD MAXFIL
4141 9DF0 00 8B .WORD ONESUB
4142 9DF2 A7 8B .WORD GREAT
4143 9DF4 50 81 .WORD LIT, 6
      9DF6 06 00
4144 9DF8 2A 8C .WORD QERR
4145 9DFA 50 81 .WORD LIT, '0'
      9DFC 30 00
4146 9DFE D3 86 .WORD PLUS
4147 9E00 54 87 .WORD DUPP
4148 9E02 50 81 .WORD LIT, '9'
      9E04 39 00
4149 9E06 A7 8B .WORD GREAT
4150 9E08 FE 81 .WORD ZBRAN, 8
      9E0A 08 00
4151 9E0C 50 81 .WORD LIT, 7
      9E0E 07 00
4152 9E10 D3 86 .WORD PLUS
4153 9E12 B0 06 .WORD FNAME
4154 9E14 AE 88 .WORD CSTOR
4155 9E16 B0 06 .WORD FNAME
4156 9E18 B3 9D .WORD OPEN
4157 9E1A AF 89 .WORD ZERO
4158 9E1C 96 87 .WORD SWAP
4159 9E1E E8 89 .WORD BBUF
4160 9E20 3B 96 .WORD STAR
4161 9E22 AF 89 .WORD ZERO
4162 9E24 E8 89 .WORD BBUF
4163 9E26 ED 82 .WORD HIADR

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4164	9E28	24	86			.WORD	RFROM
4165	9E2A	A4	06			.WORD	CHANNE
4166	9E2C	8A	88			.WORD	CAT
4167	9E2E	36	86			.WORD	BSWAP
4168	9E30	24	86			.WORD	RFROM
4169	9E32	0B	98			.WORD	TSTAR
4170	9E34	E5	8A			.WORD	ONEP
4171	9E36	9A	9D			.WORD	PRSW
4172	9E38	A4	06			.WORD	CHANNE
4173	9E3A	8A	88			.WORD	CAT
4174	9E3C	87	9D			.WORD	CLOSE
4175	9E3E	50	81			.WORD	LIT,9
	9E40	09	00				
4176	9E42	2A	8C			.WORD	QERR
4177	9E44	42	87			.WORD	DROP
4178	9E46	4C	87			.WORD	TDROP
4179	9E48	EE	85			.WORD	EXIT
4180							
4181							
4182							
4183	9E4A	8D	45	4D	L9E4A	.BYTE	\$8D,'EMPTY-BUFFER',\$D3
	9E4D	50	54	59			
	9E50	2D	42	55			
	9E53	46	46	45			
	9E56	52	D3				
4184	9E58	F2	06			.WORD	LA0DD-REL
4185	9E5A	18	89		MTBUF	.WORD	DOCOL
4186	9E5C	2D	06			.WORD	FIRST
4187	9E5E	39	06			.WORD	LIMIT
4188	9E60	D9	87			.WORD	OVER
4189	9E62	8F	8B			.WORD	SUBB
4190	9E64	B5	8F			.WORD	ERASE
4191	9E66	2D	06			.WORD	FIRST
4192	9E68	54	87			.WORD	DUPP
4193	9E6A	E3	06			.WORD	USE
4194	9E6C	BB	88			.WORD	STORE
4195	9E6E	EE	06			.WORD	PREV
4196	9E70	BB	88			.WORD	STORE
4197	9E72	EE	85			.WORD	EXIT
4198							
4199							
4200							
4201	9E74	86	53	45	L9E74	.BYTE	\$86,'SETBU',\$C6
	9E77	54	42	55			
	9E7A	C6					
4202	9E7B	4A	9E			.WORD	L9E4A
4203	9E7D	18	89		SETBUF	.WORD	DOCOL
4204	9E7F	39	06			.WORD	LIMIT
4205	9E81	D9	06			.WORD	BUFSZ
4206	9E83	F9	06			.WORD	NBUF
4207	9E85	99	88			.WORD	AT
4208	9E87	3B	96			.WORD	STAR
4209	9E89	8F	8B			.WORD	SUBB
4210	9E8B	50	81			.WORD	LIT,FIRST+2
	9E8D	2F	06				
4211	9E8F	BB	88			.WORD	STORE
4212	9E91	EE	85			.WORD	EXIT
4213							
4214							
4215							
4216	9E93	87	49	4E	L9E93	.BYTE	\$87,'INITBU',\$C6
	9E96	49	54	42			
	9E99	55	C6				
4217	9E9B	74	9E			.WORD	L9E74
4218	9E9D	18	89		INIBUF	.WORD	DOCOL
4219	9E9F	ED	82			.WORD	HIADR

4220	9EA1	A7	89			.WORD	TRUE
4221	9EA3	9B	8B			.WORD	EQUAL
4222	9EA5	FE	81			.WORD	ZBRAN, 8
	9EA7	08	00				
4223	9EA9	63	88			.WORD	HIMEM
4224	9EAB	DD	81			.WORD	BRAN, 6
	9EAD	06	00				
4225	9EAF	50	81			.WORD	LIT, \$8000
	9EB1	00	80				
4226	9EB3	50	81			.WORD	LIT, LIMIT+2
	9EB5	3B	06				
4227	9EB7	BB	88			.WORD	STORE
4228	9EB9	CD	06			.WORD	MINBUF
4229	9EBB	F9	06			.WORD	NBUF
4230	9EBD	BB	88			.WORD	STORE
4231	9EBF	7D	9E			.WORD	SETBUF
4232	9EC1	5A	9E			.WORD	MTBUF
4233	9EC3	EE	85			.WORD	EXIT
4234							
4235					;	+BUF	
4236							
4237	9EC5	84	2B	42	L9EC5	.BYTE	\$84, '+BU', \$C6
	9EC8	55	C6				
4238	9ECA	93	9E			.WORD	L9E93
4239	9ECC	18	89		PBUF	.WORD	DOCOL
4240	9ECE	D9	06			.WORD	BUFSZ
4241	9ED0	D3	86			.WORD	PLUS
4242	9ED2	54	87			.WORD	DUPP
4243	9ED4	39	06			.WORD	LIMIT
4244	9ED6	9B	8B			.WORD	EQUAL
4245	9ED8	FE	81			.WORD	ZBRAN, 6
	9EDA	06	00				
4246	9EDC	42	87			.WORD	DROP
4247	9EDE	2D	06			.WORD	FIRST
4248	9EE0	54	87			.WORD	DUPP
4249	9EE2	EE	06			.WORD	PREV
4250	9EE4	99	88			.WORD	AT
4251	9EE6	8F	8B			.WORD	SUBB
4252	9EE8	EE	85			.WORD	EXIT
4253							
4254					;	(UPDATE)	
4255							
4256	9EEA	88	28	55	L9EEA	.BYTE	\$88, '(UPDATE', \$A9
	9EED	50	44	41			
	9EF0	54	45	A9			
4257	9EF3	C5	9E			.WORD	L9EC5
4258	9EF5	18	89		PUPDA	.WORD	DOCOL
4259	9EF7	EE	06			.WORD	PREV
4260	9EF9	99	88			.WORD	AT
4261	9EFB	99	88			.WORD	AT
4262	9EFD	50	81			.WORD	LIT, \$8000
	9EFF	00	80				
4263	9F01	69	85			.WORD	ORR
4264	9F03	EE	06			.WORD	PREV
4265	9F05	99	88			.WORD	AT
4266	9F07	BB	88			.WORD	STORE
4267	9F09	EE	85			.WORD	EXIT
4268							
4269					;	BUFFER	
4270							
4271	9F0B	86	42	55	L9F0B	.BYTE	\$86, 'BUFFE', \$D2
	9F0E	46	46	45			
	9F11	D2					
4272	9F12	FD	06			.WORD	LA0E8-REL
4273	9F14	18	89		BUFFE	.WORD	DOCOL
4274	9F16	E3	06			.WORD	USE

4275	9F18	99	88			.WORD	AT
4276	9F1A	54	87			.WORD	DUPP
4277	9F1C	14	86			.WORD	TOR
4278	9F1E	CC	9E			.WORD	PBUF
4279	9F20	FE	81			.WORD	ZBRAN,\$FFFC
	9F22	FC	FF				
4280	9F24	E3	06			.WORD	USE
4281	9F26	BB	88			.WORD	STORE
4282	9F28	FE	85			.WORD	RAT
4283	9F2A	99	88			.WORD	AT
4284	9F2C	7B	86			.WORD	ZLESS
4285	9F2E	FE	81			.WORD	ZBRAN,\$14
	9F30	14	00				
4286	9F32	FE	85			.WORD	RAT
4287	9F34	F2	8A			.WORD	TWOP
4288	9F36	FE	85			.WORD	RAT
4289	9F38	99	88			.WORD	AT
4290	9F3A	50	81			.WORD	LIT,\$7FFF
	9F3C	FF	7F				
4291	9F3E	54	85			.WORD	ANDD
4292	9F40	AF	89			.WORD	ZERO
4293	9F42	C0	06			.WORD	RSW
4294	9F44	FE	85			.WORD	RAT
4295	9F46	BB	88			.WORD	STORE
4296	9F48	FE	85			.WORD	RAT
4297	9F4A	EE	06			.WORD	PREV
4298	9F4C	BB	88			.WORD	STORE
4299	9F4E	24	86			.WORD	RFROM
4300	9F50	F2	8A			.WORD	TWOP
4301	9F52	EE	85			.WORD	EXIT
4302							
4303							
4304							
4305	9F54	85	42	4C	L9F54	.BYTE	\$85,'BLOC',\$CB
	9F57	4F	43	CB			
4306	9F5A	0B	9F			.WORD	L9F0B
4307	9F5C	18	89		BLOCK	.WORD	DOCOL
4308	9F5E	8B	8A			.WORD	OFFSE
4309	9F60	99	88			.WORD	AT
4310	9F62	D3	86			.WORD	PLUS
4311	9F64	14	86			.WORD	TOR
4312	9F66	EE	06			.WORD	PREV
4313	9F68	99	88			.WORD	AT
4314	9F6A	54	87			.WORD	DUPP
4315	9F6C	99	88			.WORD	AT
4316	9F6E	FE	85			.WORD	RAT
4317	9F70	8F	8B			.WORD	SUBB
4318	9F72	0B	98			.WORD	TSTAR
4319	9F74	FE	81			.WORD	ZBRAN,\$30
	9F76	30	00				
4320	9F78	CC	9E			.WORD	PBUF
4321	9F7A	66	86			.WORD	ZEQU
4322	9F7C	FE	81			.WORD	ZBRAN,\$12
	9F7E	12	00				
4323	9F80	42	87			.WORD	DROP
4324	9F82	FE	85			.WORD	RAT
4325	9F84	14	9F			.WORD	BUFFE
4326	9F86	54	87			.WORD	DUPP
4327	9F88	FE	85			.WORD	RAT
4328	9F8A	B7	89			.WORD	ONE
4329	9F8C	C0	06			.WORD	RSW
4330	9F8E	0D	8B			.WORD	TWOSUB
4331	9F90	54	87			.WORD	DUPP
4332	9F92	99	88			.WORD	AT
4333	9F94	FE	85			.WORD	RAT
4334	9F96	8F	8B			.WORD	SUBB

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4335 9F98 0B 98 .WORD TSTAR
4336 9F9A 66 86 .WORD ZEQU
4337 9F9C FE 81 .WORD ZBRAN,$FFDA
      9F9E DA FF
4338 9FA0 54 87 .WORD DUPP
4339 9FA2 EE 06 .WORD PREV
4340 9FA4 BB 88 .WORD STORE
4341 9FA6 24 86 .WORD RFROM
4342 9FA8 42 87 .WORD DROP
4343 9FAA F2 8A .WORD TWOP
4344 9FAC E3 06 .WORD USE
4345 9FAE 99 88 .WORD AT
4346 9FB0 EE 06 .WORD PREV
4347 9FB2 99 88 .WORD AT
4348 9FB4 9B 8B .WORD EQUAL
4349 9FB6 FE 81 .WORD ZBRAN,$E
      9FB8 0E 00
4350 9FBA E3 06 .WORD USE
4351 9FBC 99 88 .WORD AT
4352 9FBE CC 9E .WORD PBUF
4353 9FC0 42 87 .WORD DROP
4354 9FC2 E3 06 .WORD USE
4355 9FC4 BB 88 .WORD STORE
4356 9FC6 EE 85 .WORD EXIT
4357
4358 ; LOAD
4359
4360 9FC8 84 4C 4F L9FC8 .BYTE $84,'LOA',$C4
      9FCB 41 C4
4361 9FCD 54 9F .WORD L9F54
4362 9FCF 18 89 LOAD .WORD DOCOL
4363 9FD1 64 8A .WORD BLK
4364 9FD3 99 88 .WORD AT
4365 9FD5 14 86 .WORD TOR
4366 9FD7 6D 8A .WORD INN
4367 9FD9 99 88 .WORD AT
4368 9FDB 14 86 .WORD TOR
4369 9FDD AF 89 .WORD ZERO
4370 9FDF 6D 8A .WORD INN
4371 9FE1 BB 88 .WORD STORE
4372 9FE3 F4 89 .WORD BSCR
4373 9FE5 3B 96 .WORD STAR
4374 9FE7 64 8A .WORD BLK
4375 9FE9 BB 88 .WORD STORE
4376 9FEB 35 93 .WORD INTE
4377 9FED 24 86 .WORD RFROM
4378 9FEF 6D 8A .WORD INN
4379 9FF1 BB 88 .WORD STORE
4380 9FF3 24 86 .WORD RFROM
4381 9FF5 64 8A .WORD BLK
4382 9FF7 BB 88 .WORD STORE
4383 9FF9 EE 85 .WORD EXIT
4384
4385 ; START OF BLOCK RELOCATED TO RAM
4386
4387 99EB REL = *-RAM
4388
4389 ; EMIT
4390
4391 9FFB 84 45 4D L9FFB .BYTE $84,'EMI',$D4
      9FFE 49 D4
4392 A000 6A 84 .WORD L846A
4393 A002 F6 99 XEMIT .WORD DOXVEC
4394 A004 73 84 .WORD PEMIT
4395
4396 0617 EMIT = XEMIT-REL

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4397
4398
4399
4400 A006 83 4B 45 LA006 .BYTE $83,'KE',$D9
      A009 D9
4401 A00A D7 85
4402 A00C F6 99 XKEY .WORD L85D7
4403 A00E DF 85 .WORD DOXVEC
4404 .WORD PKEY
4405 0621 KEY = XKEY-REL
4406
4407 ; FIRST
4408
4409 A010 85 46 49 LA010 .BYTE $85,'FIRS',$D4
      A013 52 53 D4
4410 A016 D6 89 .WORD L89D6
4411 A018 51 89 XFIRS .WORD DOCON
4412 A01A F8 73 .WORD BUF1
4413
4414 062D FIRST = XFIRS-REL
4415
4416 ; LIMIT
4417
4418 A01C 85 4C 49 LA01C .BYTE $85,'LIMI',$D4
      A01F 4D 49 D4
4419 A022 25 06 .WORD LA010-REL
4420 A024 51 89 XLIMI .WORD DOCON
4421 A026 00 7C .WORD EM
4422
4423 0639 LIMIT = XLIMI-REL
4424
4425 ; CREATE
4426
4427 A028 86 43 52 LA028 .BYTE $86,'CREAT',$C5
      A02B 45 41 54
      A02E C5
4428 A02F 4F 91 .WORD L914F
4429 A031 F6 99 XCREA .WORD DOXVEC
4430 A033 5A 91 .WORD PCREAT
4431
4432 0646 CREAT = XCREA-REL
4433
4434 ; NUM
4435
4436 A035 83 4E 55 LA035 .BYTE $83,'NU',$CD
      A038 CD
4437 A039 F9 92 .WORD L92F9
4438 A03B F6 99 XNUM .WORD DOXVEC
4439 A03D 01 93 .WORD PNUM
4440
4441 0650 NUM = XNUM-REL
4442
4443 ; FORTH
4444
4445 A03F C5 46 4F LA03F .BYTE $C5,'FORT',$C8
      A042 52 54 C8
4446 A045 65 93 .WORD L9365
4447 A047 92 93 XFORTH .WORD DOVOC
4448 A049 81 A0 .WORD $A081
4449 A04B 07 B1 .WORD TOPNFA
4450 A04D 00 00 VL0 .WORD 0
4451
4452 065C FORTH = XFORTH-REL
4453
4454 ; ABORT
4455

```

4456	A04F	85 41 42	LA04F	.BYTE	\$85,'ABOR', \$D4
	A052	4F 52 D4			
4457	A055	03 94		.WORD	L9403
4458	A057	F6 99	XABOR	.WORD	DOXVEC
4459	A059	0D 94		.WORD	PABOR
4460					
4461	066C		ABORT	=	XABOR-REL
4462					
4463			;	MESSAGE	
4464					
4465	A05B	87 4D 45	LA05B	.BYTE	\$87,'MESSAG', \$C5
	A05E	53 53 41			
	A061	47 C5			
4466	A063	EA 97		.WORD	L97EA
4467	A065	F6 99	XMES	.WORD	DOXVEC
4468	A067	0E B1		.WORD	MSG
4469					
4470	067A		MESS	=	XMES-REL
4471					
4472			;	S/FILE	
4473					
4474	A069	86 53 2F	LA069	.BYTE	\$86,'S/FIL', \$C5
	A06C	46 49 4C			
	A06F	C5			
4475	A070	92 9D		.WORD	L9D92
4476	A072	51 89	XSFIL	.WORD	DOCON
4477	A074	09 00		.WORD	9
4478					
4479	0687		SFILE	=	XSFIL-REL
4480					
4481			;	MAXFILES	
4482					
4483	A076	88 4D 41	LA076	.BYTE	\$88,'MAXFILE', \$D3
	A079	58 46 49			
	A07C	4C 45 D3			
4484	A07F	7E 06		.WORD	LA069-REL
4485	A081	51 89	XMAXFI	.WORD	DOCON
4486	A083	14 00		.WORD	20
4487					
4488	0696		MAXFIL	=	XMAXFI-REL
4489					
4490			;	CHANNEL	
4491					
4492	A085	87 43 48	LA085	.BYTE	\$87,'CHANNE', \$CC
	A088	41 4E 4E			
	A08B	45 CC			
4493	A08D	8B 06		.WORD	LA076-REL
4494	A08F	71 89	XCHANN	.WORD	DOVAR
4495	A091	12 00		.WORD	18
4496					
4497	06A4		CHANNE	=	XCHANN-REL
4498					
4499			;	FNAME	
4500					
4501	A093	85 46 4E	LA093	.BYTE	\$85,'FNAM', \$C5
	A096	41 4D C5			
4502	A099	9A 06		.WORD	LA085-REL
4503	A09B	71 89	XFNAM	.WORD	DOVAR
4504	A09D	31 53 43		.BYTE	'1SCREEN', \$D
	A0A0	52 45 45			
	A0A3	4E 0D			
4505					
4506	06B0		FNAME	=	XFNAM-REL
4507					
4508			;	R/W	
4509					

4510	A0A5	83	52	2F	LA0A5	.BYTE	\$83,'R/',\$D7
	A0A8	D7					
4511	A0A9	CF	9D			.WORD	L9DCF
4512	A0AB	F6	99		XRSW	.WORD	DOXVEC
4513	A0AD	D6	9D			.WORD	DRSW
4514							
4515	06C0				RSW	=	XRSW-REL
4516							
4517					;	MINBUF	
4518							
4519	A0AF	86	4D	49	LA0AF	.BYTE	\$86,'MINBU',\$C6
	A0B2	4E	42	55			
	A0B5	C6					
4520	A0B6	BA	06			.WORD	LA0A5-REL
4521	A0B8	51	89		XMINBU	.WORD	DOCON
4522	A0BA	02	00			.WORD	NOBUF
4523							
4524	06CD				MINBUF	=	XMINBU-REL
4525							
4526					;	BUFSZ	
4527							
4528	A0BC	85	42	55	LA0BC	.BYTE	\$85,'BUFS',\$DA
	A0BF	46	53	DA			
4529	A0C2	C4	06			.WORD	LA0AF-REL
4530	A0C4	51	89		XBUFS	.WORD	DOCON
4531	A0C6	04	04			.WORD	HDBT
4532							
4533	06D9				BUFSZ	=	XBUFS-REL
4534							
4535					;	USE	
4536							
4537	A0C8	83	55	53	LA0C8	.BYTE	\$83,'US',\$C5
	A0CB	C5					
4538	A0CC	D1	06			.WORD	LA0BC-REL
4539	A0CE	71	89		XUSE	.WORD	DOVAR
4540	A0D0	F8	73			.WORD	BUF1
4541							
4542	06E3				USE	=	XUSE-REL
4543							
4544					;	PREV	
4545							
4546	A0D2	84	50	52	LA0D2	.BYTE	\$84,'PRE',\$D6
	A0D5	45	D6				
4547	A0D7	DD	06			.WORD	LA0C8-REL
4548	A0D9	71	89		XPRE	.WORD	DOVAR
4549	A0DB	FC	77			.WORD	BUF1+HDBT
4550							
4551	06EE				PREV	=	XPRE-REL
4552							
4553					;	#BUF	
4554							
4555	A0DD	84	23	42	LA0DD	.BYTE	\$84,'#BU',\$C6
	A0E0	55	C6				
4556	A0E2	E7	06			.WORD	LA0D2-REL
4557	A0E4	71	89		XNBU	.WORD	DOVAR
4558	A0E6	02	00			.WORD	NOBUF
4559							
4560	06F9				NBUF	=	XNBU-REL
4561							
4562					;	UPDATE	
4563							
4564	A0E8	86	55	50	LA0E8	.BYTE	\$86,'UPDAT',\$C5
	A0EB	44	41	54			
	A0EE	C5					
4565	A0EF	EA	9E			.WORD	L9EEA
4566	A0F1	F6	99		XUPDA	.WORD	DOXVEC

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4567 A0F3 F5 9E .WORD PUPDA
4568
4569 0706 UPDAT = XUPDA-REL
4570
4571 ; (DISK)
4572
4573 A0F5 86 28 44 LA0F5 .BYTE $86, '(DISK', $A9
      A0F8 49 53 4B
      A0FB A9
4574 A0FC C8 9F .WORD L9FC8
4575 A0FE 18 89 XPDIS .WORD DOCOL
4576 A100 69 9C .WORD PCLI
4577 A102 05 44 49 .BYTE 5, 'DISK', $D
      A105 53 4B 0D
4578 A108 EE 85 .WORD EXIT
4579
4580 0713 PDISK = XPDIS-REL
4581
4582 ; TLD
4583
4584 A10A 83 54 4C LA10A .BYTE $83, 'TL', $C4
      A10D C4
4585 A10E 74 A2 .WORD LA274
4586 A110 18 89 XTLD .WORD DOCOL
4587 A112 69 9C .WORD PCLI
4588 A114 10 .BYTE 16
4589 A115 4C 4F 41 .BYTE 'LOAD"'
      A118 44 22
4590 A11A 58 58 58 LA11A .BYTE 'XXXX" '
      A11D 58 22 20
4591 A120 59 59 59 LA120 .BYTE 'YYYY', $D
      A123 59 0D
4592 A125 EE 85 .WORD EXIT
4593
4594 0725 TLD = XTLD-REL
4595
4596 ; TSV
4597
4598 A127 83 54 53 LA127 .BYTE $83, 'TS', $D6
      A12A D6
4599 A12B 1F 07 .WORD LA10A-REL
4600 A12D 18 89 XTSV .WORD DOCOL
4601 A12F 69 9C .WORD PCLI
4602 A131 15 53 41 .BYTE 21, 'SAVE"XXXX" YYYY ZZZZ', $D
      A134 56 45 22
      A137 58 58 58
      A13A 58 22 20
      A13D 59 59 59
      A140 59 20 5A
      A143 5A 5A 5A
      A146 0D
4603 A147 EE 85 .WORD EXIT
4604
4605 0742 TSV = XTSV-REL
4606
4607 ; SSV
4608
4609 A149 83 53 53 LA149 .BYTE $83, 'SS', $D6
      A14C D6
4610 A14D 3C 07 .WORD LA127-REL
4611 A14F 18 89 XSSV .WORD DOCOL
4612 A151 69 9C .WORD PCLI
4613 A153 18 .BYTE 24
4614 A154 53 41 56 .BYTE 'SAVE"'
      A157 45 22
4615 A159 58 53 43 LA159 .BYTE 'XSCREEN" '

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    A15C 52 45 45
    A15F 4E 22 20
4616 A162 58 58 58 LA162 .BYTE 'XXXX '
    A165 58 20
4617 A167 59 59 59 LA167 .BYTE 'YYYY', $D
    A16A 59 0D
4618 A16C EE 85 .WORD EXIT
4619
4620 0764 SSV = XSSV-REL
4621
4622 ; ASSEMBLER
4623
4624 A16E C9 41 53 LA16E .BYTE $C9, 'ASSEMBLE', $D2
    A171 53 45 4D
    A174 42 4C 45
    A177 D2
4625 A178 F6 A4 .WORD LA4F6
4626 A17A 92 93 XASSE .WORD DOVOC
4627 A17C 81 A0 .WORD $A081
4628 A17E 1C AB .WORD LAB1C
4629 A180 62 06 LA180 .WORD VL0-REL
4630
4631 078F ASSEM = XASSE-REL
4632
4633 ; MODE
4634
4635 A182 84 4D 4F LA182 .BYTE $84, 'MOD', $C5
    A185 44 C5
4636 A187 C7 A5 .WORD LA5C7
4637 A189 71 89 XMOD .WORD DOVAR
4638 A18B 02 00 .WORD 2
4639
4640 079E AMODE = XMOD-REL
4641
4642 ; EDITOR
4643
4644 A18D C6 45 44 LA18D .BYTE $C6, 'EDITO', $D2
    A190 49 54 4F
    A193 D2
4645 A194 39 AB .WORD LAB39
4646 A196 92 93 XEDIT .WORD DOVOC
4647 A198 81 A0 .WORD $A081
4648 A19A EC AF .WORD LAFEC
4649 A19C 95 07 .WORD LA180-REL
4650 A19E 00 .BYTE 0
4651
4652 07AB EDITOR = XEDIT-REL
4653
4654 ; END OF BLOCK RELOCATED TO RAM
4655
4656 ; DISK
4657
4658 A19F 84 44 49 LA19F .BYTE $84, 'DIS', $CB
    A1A2 53 CB
4659 A1A4 0A 07 .WORD LA0F5-REL
4660 A1A6 18 89 DISK .WORD DOCOL
4661 A1A8 ED 82 .WORD HIADR
4662 A1AA A7 89 .WORD TRUE
4663 A1AC 9B 8B .WORD EQUAL
4664 A1AE FE 81 .WORD ZBRAN, $10
    A1B0 10 00
4665 A1B2 4A 88 .WORD PAGE
4666 A1B4 50 81 .WORD LIT, $1900
    A1B6 00 19
4667 A1B8 B4 8B .WORD ULESS
4668 A1BA 50 81 .WORD LIT, 25

```

	A1BC	19	00			
4669	A1BE	2A	8C		.WORD	QERR
4670	A1C0	50	81		.WORD	LIT,RSW+2
	A1C2	C2	06			
4671	A1C4	50	81		.WORD	LIT,DRSW+2
	A1C6	D8	9D			
4672	A1C8	14	9A		.WORD	DOVEC
4673	A1CA	13	07		.WORD	PDISK
4674	A1CC	EE	85		.WORD	EXIT
4675						
4676				;		SAVE-BUFFERS
4677						
4678	A1CE	8C	53 41	LA1CE	.BYTE	\$8C, 'SAVE-BUFFER', \$D3
	A1D1	56	45 2D			
	A1D4	42	55 46			
	A1D7	46	45 52			
	A1DA	D3				
4679	A1DB	9F	A1		.WORD	LA19F
4680	A1DD	18	89	SAVBUF	.WORD	DOCOL
4681	A1DF	2D	06		.WORD	FIRST
4682	A1E1	39	06		.WORD	LIMIT
4683	A1E3	2D	06		.WORD	FIRST
4684	A1E5	8F	8B		.WORD	SUBB
4685	A1E7	D9	06		.WORD	BUFSZ
4686	A1E9	5A	96		.WORD	SLASH
4687	A1EB	AF	89		.WORD	ZERO
4688	A1ED	CF	82		.WORD	XDO
4689	A1EF	54	87		.WORD	DUPP
4690	A1F1	99	88		.WORD	AT
4691	A1F3	7B	86		.WORD	ZLESS
4692	A1F5	FE	81		.WORD	ZBRAN, \$1C
	A1F7	1C	00			
4693	A1F9	54	87		.WORD	DUPP
4694	A1FB	99	88		.WORD	AT
4695	A1FD	50	81		.WORD	LIT, \$7FFF
	A1FF	FF	7F			
4696	A201	54	85		.WORD	ANDD
4697	A203	D9	87		.WORD	OVER
4698	A205	BB	88		.WORD	STORE
4699	A207	54	87		.WORD	DUPP
4700	A209	F2	8A		.WORD	TWOP
4701	A20B	D9	87		.WORD	OVER
4702	A20D	99	88		.WORD	AT
4703	A20F	AF	89		.WORD	ZERO
4704	A211	C0	06		.WORD	RSW
4705	A213	D9	06		.WORD	BUFSZ
4706	A215	D3	86		.WORD	PLUS
4707	A217	1F	82		.WORD	XLOOP, \$FFD6
	A219	D6	FF			
4708	A21B	42	87		.WORD	DROP
4709	A21D	EE	85		.WORD	EXIT
4710						
4711				;		FLUSH
4712						
4713	A21F	85	46 4C	LA21F	.BYTE	\$85, 'FLUS', \$C8
	A222	55	53 C8			
4714	A225	CE	A1		.WORD	LA1CE
4715	A227	18	89	FLUSH	.WORD	DOCOL
4716	A229	DD	A1		.WORD	SAVBUF
4717	A22B	5A	9E		.WORD	MTBUF
4718	A22D	EE	85		.WORD	EXIT
4719						
4720				;	-->	
4721						
4722	A22F	C3	2D 2D	LA22F	.BYTE	\$C3, '--', \$BE
	A232	BE				

4723	A233	1F	A2			.WORD	LA21F
4724	A235	18	89	ARROW		.WORD	DOCOL
4725	A237	A3	8C			.WORD	QLOAD
4726	A239	AF	89			.WORD	ZERO
4727	A23B	6D	8A			.WORD	INN
4728	A23D	BB	88			.WORD	STORE
4729	A23F	F4	89			.WORD	BSCR
4730	A241	64	8A			.WORD	BLK
4731	A243	99	88			.WORD	AT
4732	A245	D9	87			.WORD	OVER
4733	A247	6A	96			.WORD	MOD
4734	A249	8F	8B			.WORD	SUBB
4735	A24B	64	8A			.WORD	BLK
4736	A24D	D3	88			.WORD	PSTOR
4737	A24F	EE	85			.WORD	EXIT
4738							
4739				;	(LINE)		
4740							
4741	A251	86	28	4C	LA251	.BYTE	\$86, '(LINE', \$A9
	A254	49	4E	45			
	A257	A9					
4742	A258	2F	A2			.WORD	LA22F
4743	A25A	18	89	PLINE		.WORD	DOCOL
4744	A25C	14	86			.WORD	TOR
4745	A25E	D2	89			.WORD	CSLL
4746	A260	E8	89			.WORD	BBUF
4747	A262	7A	96			.WORD	SSLMOD
4748	A264	24	86			.WORD	RFROM
4749	A266	F4	89			.WORD	BSCR
4750	A268	3B	96			.WORD	STAR
4751	A26A	D3	86			.WORD	PLUS
4752	A26C	5C	9F			.WORD	BLOCK
4753	A26E	D3	86			.WORD	PLUS
4754	A270	D2	89			.WORD	CSLL
4755	A272	EE	85			.WORD	EXIT
4756							
4757				;	.LINE		
4758							
4759	A274	85	2E	4C	LA274	.BYTE	\$85, '.LIN', \$C5
	A277	49	4E	C5			
4760	A27A	51	A2			.WORD	LA251
4761	A27C	18	89	DOTLIN		.WORD	DOCOL
4762	A27E	5A	A2			.WORD	PLINE
4763	A280	26	8E			.WORD	DTRAI
4764	A282	F6	8D			.WORD	TYPE
4765	A284	EE	85			.WORD	EXIT
4766							
4767				;	4HEX		
4768							
4769	A286	84	34	48	LA286	.BYTE	\$84, '4HE', \$D8
	A289	45	D8				
4770	A28B	5E	07			.WORD	LA149-REL
4771	A28D	18	89	FHEX		.WORD	DOCOL
4772	A28F	BA	8A			.WORD	BASE
4773	A291	99	88			.WORD	AT
4774	A293	2B	8D			.WORD	HEX
4775	A295	96	87			.WORD	SWAP
4776	A297	AF	89			.WORD	ZERO
4777	A299	D9	96			.WORD	BDIG
4778	A29B	16	97			.WORD	DIG
4779	A29D	16	97			.WORD	DIG
4780	A29F	16	97			.WORD	DIG
4781	A2A1	16	97			.WORD	DIG
4782	A2A3	E8	96			.WORD	EDIG
4783	A2A5	05	88			.WORD	ROT
4784	A2A7	BA	8A			.WORD	BASE

4785	A2A9	BB	88			.WORD	STORE
4786	A2AB	EE	85			.WORD	EXIT
4787							
4788					;	TR	
4789							
4790	A2AD	82	54	D2	LA2AD	.BYTE	\$82,'T',\$D2
4791	A2B0	86	A2			.WORD	LA286
4792	A2B2	18	89		TR	.WORD	DOCOL
4793	A2B4	8D	A2			.WORD	FHEX
4794	A2B6	50	81			.WORD	LIT,TLD+2
	A2B8	27	07				
4795	A2BA	50	81			.WORD	LIT,8
	A2BC	08	00				
4796	A2BE	D3	86			.WORD	PLUS
4797	A2C0	96	87			.WORD	SWAP
4798	A2C2	A7	84			.WORD	CMOVE
4799	A2C4	8D	A2			.WORD	FHEX
4800	A2C6	50	81			.WORD	LIT,TLD+2
	A2C8	27	07				
4801	A2CA	50	81			.WORD	LIT,\$E
	A2CC	0E	00				
4802	A2CE	D3	86			.WORD	PLUS
4803	A2D0	96	87			.WORD	SWAP
4804	A2D2	A7	84			.WORD	CMOVE
4805	A2D4	25	07			.WORD	TLD
4806	A2D6	EE	85			.WORD	EXIT
4807							
4808					;	TW	
4809							
4810	A2D8	82	54	D7	LA2D8	.BYTE	\$82,'T',\$D7
4811	A2DB	AD	A2			.WORD	LA2AD
4812	A2DD	18	89		TW	.WORD	DOCOL
4813	A2DF	8D	A2			.WORD	FHEX
4814	A2E1	50	81			.WORD	LIT,TSV+2
	A2E3	44	07				
4815	A2E5	50	81			.WORD	LIT,8
	A2E7	08	00				
4816	A2E9	D3	86			.WORD	PLUS
4817	A2EB	96	87			.WORD	SWAP
4818	A2ED	A7	84			.WORD	CMOVE
4819	A2EF	54	87			.WORD	DUPP
4820	A2F1	8D	A2			.WORD	FHEX
4821	A2F3	50	81			.WORD	LIT,TSV+2
	A2F5	44	07				
4822	A2F7	50	81			.WORD	LIT,\$E
	A2F9	0E	00				
4823	A2FB	D3	86			.WORD	PLUS
4824	A2FD	96	87			.WORD	SWAP
4825	A2FF	A7	84			.WORD	CMOVE
4826	A301	E8	89			.WORD	BBUF
4827	A303	D3	86			.WORD	PLUS
4828	A305	8D	A2			.WORD	FHEX
4829	A307	50	81			.WORD	LIT,TSV+2
	A309	44	07				
4830	A30B	50	81			.WORD	LIT,\$13
	A30D	13	00				
4831	A30F	D3	86			.WORD	PLUS
4832	A311	96	87			.WORD	SWAP
4833	A313	A7	84			.WORD	CMOVE
4834	A315	42	07			.WORD	TSV
4835	A317	EE	85			.WORD	EXIT
4836							
4837					;	TR/W	
4838							
4839	A319	84	54	52	LA319	.BYTE	\$84,'TR/',\$D7
	A31C	2F	D7				

4840	A31E	D8	A2			.WORD	LA2D8
4841	A320	18	89	TRSW		.WORD	DOCOL
4842	A322	FE	81			.WORD	ZBRAN, 8
	A324	08	00				
4843	A326	B2	A2			.WORD	TR
4844	A328	DD	81			.WORD	BRAN, 4
	A32A	04	00				
4845	A32C	DD	A2			.WORD	TW
4846	A32E	EE	85			.WORD	EXIT
4847							
4848				;		?R/W	
4849							
4850	A330	84	3F	52	LA330	.BYTE	\$84, '?R/', \$D7
	A333	2F	D7				
4851	A335	19	A3			.WORD	LA319
4852	A337	18	89	QRSW		.WORD	DOCOL
4853	A339	7C	88			.WORD	QFILE
4854	A33B	50	81			.WORD	LIT, 3
	A33D	03	00				
4855	A33F	8C	86			.WORD	LESS
4856	A341	FE	81			.WORD	ZBRAN, \$10
	A343	10	00				
4857	A345	50	81			.WORD	LIT, RSW+2
	A347	C2	06				
4858	A349	50	81			.WORD	LIT, TRSW+2
	A34B	22	A3				
4859	A34D	14	9A			.WORD	DOVEC
4860	A34F	DD	81			.WORD	BRAN, \$C
	A351	0C	00				
4861	A353	50	81			.WORD	LIT, RSW+2
	A355	C2	06				
4862	A357	50	81			.WORD	LIT, DRSW+2
	A359	D8	9D				
4863	A35B	14	9A			.WORD	DOVEC
4864	A35D	EE	85			.WORD	EXIT
4865							
4866				;		TAPE	
4867							
4868	A35F	84	54	41	LA35F	.BYTE	\$84, 'TAP', \$C5
	A362	50	C5				
4869	A364	30	A3			.WORD	LA330
4870	A366	18	89	TAPE		.WORD	DOCOL
4871	A368	69	9C			.WORD	PCLI
4872	A36A	05	54	41		.BYTE	5, 'TAPE', \$D
	A36D	50	45	0D			
4873	A370	50	81			.WORD	LIT, RSW+2
	A372	C2	06				
4874	A374	50	81			.WORD	LIT, TRSW+2
	A376	22	A3				
4875	A378	14	9A			.WORD	DOVEC
4876	A37A	EE	85			.WORD	EXIT
4877							
4878				;		CREATE-SCREENS	
4879							
4880	A37C	8E	43	52	LA37C	.BYTE	\$8E, 'CREATE-SCREEN', \$D3
	A37F	45	41	54			
	A382	45	2D	53			
	A385	43	52	45			
	A388	45	4E	D3			
4881	A38B	5F	A3			.WORD	LA35F
4882	A38D	18	89	CRESCR		.WORD	DOCOL
4883	A38F	7C	88			.WORD	QFILE
4884	A391	50	81			.WORD	LIT, 4
	A393	04	00				
4885	A395	8C	86			.WORD	LESS
4886	A397	FE	81			.WORD	ZBRAN, \$E

	A399	0E 00		
4887	A39B	77 8E	.WORD	PDOTQ
4888	A39D	07 4E 6F	.BYTE	7, 'No disk'
	A3A0	20 64 69		
	A3A3	73 6B		
4889	A3A5	6C 06	.WORD	ABORT
4890	A3A7	1C 8B	.WORD	HERE
4891	A3A9	54 87	.WORD	DUPP
4892	A3AB	E8 89	.WORD	BBUF
4893	A3AD	F4 89	.WORD	BSCR
4894	A3AF	87 06	.WORD	SFILE
4895	A3B1	3B 96	.WORD	STAR
4896	A3B3	3B 96	.WORD	STAR
4897	A3B5	77 87	.WORD	TDUP
4898	A3B7	D3 86	.WORD	PLUS
4899	A3B9	2D 06	.WORD	FIRST
4900	A3BB	D9 87	.WORD	OVER
4901	A3BD	B4 8B	.WORD	ULESS
4902	A3BF	50 81	.WORD	LIT, 25
	A3C1	19 00		
4903	A3C3	2A 8C	.WORD	QERR
4904	A3C5	77 8E	.WORD	PDOTQ
4905	A3C7	14 41 72	.BYTE	20, 'Are you sure (Y/N)? '
	A3CA	65 20 79		
	A3CD	6F 75 20		
	A3D0	73 75 72		
	A3D3	65 20 28		
	A3D6	59 2F 4E		
	A3D9	29 3F 20		
4906	A3DC	21 06	.WORD	KEY
4907	A3DE	50 81	.WORD	LIT, 'Y'
	A3E0	59 00		
4908	A3E2	9B 8B	.WORD	EQUAL
4909	A3E4	FE 81	.WORD	ZBRAN, \$6A
	A3E6	6A 00		
4910	A3E8	8D A2	.WORD	FHEX
4911	A3EA	50 81	.WORD	LIT, LA167-REL
	A3EC	7C 07		
4912	A3EE	96 87	.WORD	SWAP
4913	A3F0	A7 84	.WORD	CMOVE
4914	A3F2	C6 8F	.WORD	BLANKS
4915	A3F4	8D A2	.WORD	FHEX
4916	A3F6	50 81	.WORD	LIT, LA162-REL
	A3F8	77 07		
4917	A3FA	96 87	.WORD	SWAP
4918	A3FC	A7 84	.WORD	CMOVE
4919	A3FE	52 8D	.WORD	CRR
4920	A400	77 8E	.WORD	PDOTQ
4921	A402	11 43 72	.BYTE	17, 'Creating screens '
	A405	65 61 74		
	A408	69 6E 67		
	A40B	20 73 63		
	A40E	72 65 65		
	A411	6E 73 20		
4922	A414	50 81	.WORD	LIT, \$2F
	A416	2F 00		
4923	A418	B0 06	.WORD	FNAME
4924	A41A	AE 88	.WORD	CSTOR
4925	A41C	96 06	.WORD	MAXFIL
4926	A41E	AF 89	.WORD	ZERO
4927	A420	CF 82	.WORD	XDO
4928	A422	B0 06	.WORD	FNAME
4929	A424	8A 88	.WORD	CAT
4930	A426	E5 8A	.WORD	ONEP
4931	A428	54 87	.WORD	DUPP
4932	A42A	50 81	.WORD	LIT, \$3A

	A42C	3A	00		
4933	A42E	9B	8B	.WORD	EQUAL
4934	A430	FE	81	.WORD	ZBRAN, 8
	A432	08	00		
4935	A434	50	81	.WORD	LIT, 7
	A436	07	00		
4936	A438	D3	86	.WORD	PLUS
4937	A43A	54	87	.WORD	DUPP
4938	A43C	B0	06	.WORD	FNAME
4939	A43E	AE	88	.WORD	CSTOR
4940	A440	50	81	.WORD	LIT, LA159-REL
	A442	6E	07		
4941	A444	AE	88	.WORD	CSTOR
4942	A446	64	07	.WORD	SSV
4943	A448	1F	82	.WORD	XLOOP, \$FFD8
	A44A	D8	FF		
4944	A44C	DD	81	.WORD	BRAN, 6
	A44E	06	00		
4945	A450	4C	87	.WORD	TDROP
4946	A452	4C	87	.WORD	TDROP
4947	A454	EE	85	.WORD	EXIT
4948					
4949					
4950					
4951	A456	84	4C	49	LA456
	A459	53	D4		
4952	A45B	7C	A3		
4953	A45D	18	89		LIST
4954	A45F	41	8D		
4955	A461	52	8D		
4956	A463	54	87		
4957	A465	7F	8A		
4958	A467	BB	88		
4959	A469	54	87		
4960	A46B	5C	9F		
4961	A46D	42	87		
4962	A46F	77	8E		
4963	A471	06	53	43	
	A474	52	20	23	
	A477	20			
4964	A478	54	87		
4965	A47A	99	97		
4966	A47C	50	81		
	A47E	05	00		
4967	A480	BC	96		
4968	A482	D8	97		
4969	A484	77	8E		
4970	A486	01	48		
4971	A488	50	81		
	A48A	10	00		
4972	A48C	AF	89		
4973	A48E	CF	82		
4974	A490	52	8D		
4975	A492	B7	82		
4976	A494	50	81		
	A496	03	00		
4977	A498	89	97		
4978	A49A	3C	8B		
4979	A49C	B7	82		
4980	A49E	7F	8A		
4981	A4A0	99	88		
4982	A4A2	7C	A2		
4983	A4A4	1F	82		
	A4A6	EA	FF		
4984	A4A8	52	8D		
4985	A4AA	EE	85		

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4986
4987           ;          79-STANDARD
4988
4989  A4AC  8B 37 39  LA4AC  .BYTE    $8B,'79-STANDAR', $C4
      A4AF  2D 53 54
      A4B2  41 4E 44
      A4B5  41 52 C4
4990  A4B8  56 A4          .WORD    LA456
4991  A4BA  18 89          STD79  .WORD    DOCOL
4992  A4BC  EE 85          .WORD    EXIT
4993
4994           ;          INDEX
4995
4996  A4BE  85 49 4E  LA4BE  .BYTE    $85,'INDE', $D8
      A4C1  44 45 D8
4997  A4C4  AC A4          .WORD    LA4AC
4998  A4C6  18 89          INDEX  .WORD    DOCOL
4999  A4C8  50 81          .WORD    LIT, $C
      A4CA  0C 00
5000  A4CC  17 06          .WORD    EMIT
5001  A4CE  52 8D          .WORD    CRR
5002  A4D0  E5 8A          .WORD    ONEP
5003  A4D2  96 87          .WORD    SWAP
5004  A4D4  CF 82          .WORD    XDO
5005  A4D6  52 8D          .WORD    CRR
5006  A4D8  B7 82          .WORD    IDO
5007  A4DA  50 81          .WORD    LIT, 3
      A4DC  03 00
5008  A4DE  89 97          .WORD    DOTR
5009  A4E0  3C 8B          .WORD    SPACE
5010  A4E2  AF 89          .WORD    ZERO
5011  A4E4  B7 82          .WORD    IDO
5012  A4E6  7C A2          .WORD    DOTLIN
5013  A4E8  17 8D          .WORD    QTAB
5014  A4EA  FE 81          .WORD    ZBRAN, 4
      A4EC  04 00
5015  A4EE  4B 86          .WORD    LEAV
5016  A4F0  1F 82          .WORD    XLOOP, $FFE4
      A4F2  E4 FF
5017  A4F4  EE 85          .WORD    EXIT
5018
5019           ;          TRIAD
5020
5021  A4F6  85 54 52  LA4F6  .BYTE    $85,'TRIA', $C4
      A4F9  49 41 C4
5022  A4FC  BE A4          .WORD    LA4BE
5023  A4FE  18 89          TRIAD  .WORD    DOCOL
5024  A500  50 81          .WORD    LIT, $C
      A502  0C 00
5025  A504  17 06          .WORD    EMIT
5026  A506  50 81          .WORD    LIT, 3
      A508  03 00
5027  A50A  5A 96          .WORD    SLASH
5028  A50C  50 81          .WORD    LIT, 3
      A50E  03 00
5029  A510  3B 96          .WORD    STAR
5030  A512  50 81          .WORD    LIT, 3
      A514  03 00
5031  A516  D9 87          .WORD    OVER
5032  A518  D3 86          .WORD    PLUS
5033  A51A  96 87          .WORD    SWAP
5034  A51C  CF 82          .WORD    XDO
5035  A51E  52 8D          .WORD    CRR
5036  A520  B7 82          .WORD    IDO
5037  A522  5D A4          .WORD    LIST
5038  A524  1F 82          .WORD    XLOOP, $FFF8

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	A526	F8	FF			
5039	A528	52	8D		.WORD	CRR
5040	A52A	EE	85		.WORD	EXIT
5041						
5042				;	?CURRENT	
5043						
5044	A52C	88	3F	43	LA52C	.BYTE \$88,'?CURREN', \$D4
	A52F	55	52	52		
	A532	45	4E	D4		
5045	A535	83	07		.WORD	LA16E-REL
5046	A537	18	89		QCURR	.WORD DOCOL
5047	A539	F2	8A		.WORD	TWOP
5048	A53B	A5	8A		.WORD	CURR
5049	A53D	99	88		.WORD	AT
5050	A53F	8F	8B		.WORD	SUBB
5051	A541	50	81		.WORD	LIT,14
	A543	0E	00			
5052	A545	2A	8C		.WORD	QERR
5053	A547	EE	85		.WORD	EXIT
5054						
5055				;	N	
5056						
5057	A549	81	CE		LA549	.BYTE \$81,\$CE
5058	A54B	5E	06		.WORD	FORTH+2
5059	A54D	51	89		ANN	.WORD DOCON
5060	A54F	60	00		.WORD	N
5061						
5062				;	XSAVE	
5063						
5064	A551	85	58	53	LA551	.BYTE \$85,'XSAV', \$C5
	A554	41	56	C5		
5065	A557	49	A5		.WORD	LA549
5066	A559	51	89		XSAV	.WORD DOCON
5067	A55B	68	00		.WORD	XSAVE
5068						
5069				;	W	
5070						
5071	A55D	81	D7		LA55D	.BYTE \$81,\$D7
5072	A55F	51	A5		.WORD	LA551
5073	A561	51	89		AWW	.WORD DOCON
5074	A563	6A	00		.WORD	W
5075						
5076				;	IP	
5077						
5078	A565	82	49	D0	LA565	.BYTE \$82,'I', \$D0
5079	A568	5D	A5		.WORD	LA55D
5080	A56A	51	89		AIP	.WORD DOCON
5081	A56C	6C	00		.WORD	IP
5082						
5083				;	UP	
5084						
5085	A56E	82	55	D0	LA56E	.BYTE \$82,'U', \$D0
5086	A571	65	A5		.WORD	LA565
5087	A573	51	89		AUP	.WORD DOCON
5088	A575	6E	00		.WORD	UP
5089						
5090				;	PUSH	
5091						
5092	A577	84	50	55	LA577	.BYTE \$84,'PUS', \$C8
	A57A	53	C8			
5093	A57C	6E	A5		.WORD	LA56E
5094	A57E	51	89		APUSH	.WORD DOCON
5095	A580	63	81		.WORD	PUSH
5096						
5097				;	PUT	
5098						

5099	A582	83	50	55	LA582	.BYTE	\$83,'PU',\$D4
	A585	D4					
5100	A586	77	A5			.WORD	LA577
5101	A588	51	89		APUT	.WORD	DOCON
5102	A58A	65	81			.WORD	PUT
5103							
5104					;	NEXT	
5105							
5106	A58C	84	4E	45	LA58C	.BYTE	\$84,'NEX',\$D4
	A58F	58	D4				
5107	A591	82	A5			.WORD	LA582
5108	A593	51	89		ANEXT	.WORD	DOCON
5109	A595	6A	81			.WORD	NEXT
5110							
5111					;	SETUP	
5112							
5113	A597	85	53	45	LA597	.BYTE	\$85,'SETU',\$D0
	A59A	54	55	D0			
5114	A59D	8C	A5			.WORD	LA58C
5115	A59F	51	89		ASETU	.WORD	DOCON
5116	A5A1	8A	81			.WORD	SETUP
5117							
5118					;	POPTWO	
5119							
5120	A5A3	86	50	4F	LA5A3	.BYTE	\$86,'POPTW',\$CF
	A5A6	50	54	57			
	A5A9	CF					
5121	A5AA	97	A5			.WORD	LA597
5122	A5AC	51	89		APOPTW	.WORD	DOCON
5123	A5AE	DD	82			.WORD	POPTWO
5124							
5125					;	POP	
5126							
5127	A5B0	83	50	4F	LA5B0	.BYTE	\$83,'PO',\$D0
	A5B3	D0					
5128	A5B4	A3	A5			.WORD	LA5A3
5129	A5B6	51	89		APOP	.WORD	DOCON
5130	A5B8	DF	82			.WORD	POP
5131							
5132					;	PUSH0	
5133							
5134	A5BA	86	50	55	LA5BA	.BYTE	\$86,'PUSH0',\$C1
	A5BD	53	48	30			
	A5C0	C1					
5135	A5C1	B0	A5			.WORD	LA5B0
5136	A5C3	51	89		APUSH0	.WORD	DOCON
5137	A5C5	2B	84			.WORD	L842B
5138							
5139					;	BASE-ADDR	
5140							
5141	A5C7	89	42	41	LA5C7	.BYTE	\$89,'BASE-ADD',\$D2
	A5CA	53	45	2D			
	A5CD	41	44	44			
	A5D0	D2					
5142	A5D1	BA	A5			.WORD	LA5BA
5143	A5D3	71	89		BASADR	.WORD	DOVAR
5144	A5D5	09	09	05		.BYTE	\$09,\$09,\$05,\$15,\$15,\$01,\$11,\$80
	A5D8	15	15	01			
	A5DB	11	80				
5145	A5DD	09	80	0D		.BYTE	\$09,\$80,\$0D,\$1D,\$19,\$80,\$80,\$80
	A5E0	1D	19	80			
	A5E3	80	80				
5146	A5E5	80	00	04		.BYTE	\$80,\$00,\$04,\$14,\$14,\$80,\$80,\$80
	A5E8	14	14	80			
	A5EB	80	80				
5147	A5ED	80	80	0C		.BYTE	\$80,\$80,\$0C,\$1C,\$1C,\$80,\$80,\$2C


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    A5F0 1C 1C 80
    A5F3 80 2C
5148
5149
5150
5151 A5F5 82 2E C1 LA5F5 .BYTE $82, '.', $C1
5152 A5F8 97 07 .WORD LA182-REL
5153 A5FA 18 89 DOTA .WORD DOCOL
5154 A5FC AF 89 .WORD ZERO
5155 A5FE 9E 07 .WORD AMODE
5156 A600 BB 88 .WORD STORE
5157 A602 EE 85 .WORD EXIT
5158
5159
5160
5161 A604 81 A3 LA604 .BYTE $81, $A3
5162 A606 F5 A5 .WORD LA5F5
5163 A608 18 89 ANUM .WORD DOCOL
5164 A60A B7 89 .WORD ONE
5165 A60C 9E 07 .WORD AMODE
5166 A60E BB 88 .WORD STORE
5167 A610 EE 85 .WORD EXIT
5168
5169
5170
5171 A612 83 4D 45 LA612 .BYTE $83, 'ME', $CD
    A615 CD
5172 A616 04 A6 .WORD LA604
5173 A618 18 89 AMEM .WORD DOCOL
5174 A61A BF 89 .WORD TWO
5175 A61C 9E 07 .WORD AMODE
5176 A61E BB 88 .WORD STORE
5177 A620 EE 85 .WORD EXIT
5178
5179
5180
5181 A622 82 2C D8 LA622 .BYTE $82, ', ', $D8
5182 A625 12 A6 .WORD LA612
5183 A627 18 89 COMX .WORD DOCOL
5184 A629 50 81 .WORD LIT, 3
    A62B 03 00
5185 A62D 9E 07 .WORD AMODE
5186 A62F BB 88 .WORD STORE
5187 A631 EE 85 .WORD EXIT
5188
5189
5190
5191 A633 82 2C D9 LA633 .BYTE $82, ', ', $D9
5192 A636 22 A6 .WORD LA622
5193 A638 18 89 COMY .WORD DOCOL
5194 A63A 50 81 .WORD LIT, 4
    A63C 04 00
5195 A63E 9E 07 .WORD AMODE
5196 A640 BB 88 .WORD STORE
5197 A642 EE 85 .WORD EXIT
5198
5199
5200
5201 A644 82 58 A9 LA644 .BYTE $82, 'X', $A9
5202 A647 33 A6 .WORD LA633
5203 A649 18 89 XPAR .WORD DOCOL
5204 A64B 50 81 .WORD LIT, 5
    A64D 05 00
5205 A64F 9E 07 .WORD AMODE
5206 A651 BB 88 .WORD STORE
5207 A653 EE 85 .WORD EXIT

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5208
5209                ;                ) Y
5210
5211 A655 82 29 D9 LA655 .BYTE $82,'')', $D9
5212 A658 44 A6      .WORD LA644
5213 A65A 18 89      PARY .WORD DOCOL
5214 A65C 50 81      .WORD LIT,6
      A65E 06 00
5215 A660 9E 07      .WORD AMODE
5216 A662 BB 88      .WORD STORE
5217 A664 EE 85      .WORD EXIT
5218
5219                ;                )
5220
5221 A666 81 A9      LA666 .BYTE $81,$A9
5222 A668 55 A6      .WORD LA655
5223 A66A 18 89      APAR .WORD DOCOL
5224 A66C 50 81      .WORD LIT,$F
      A66E 0F 00
5225 A670 9E 07      .WORD AMODE
5226 A672 BB 88      .WORD STORE
5227 A674 EE 85      .WORD EXIT
5228
5229                ;                BOT
5230
5231 A676 83 42 4F LA676 .BYTE $83,'BO', $D4
      A679 D4
5232 A67A 66 A6      .WORD LA666
5233 A67C 18 89      ABOT .WORD DOCOL
5234 A67E 27 A6      .WORD COMX
5235 A680 AF 89      .WORD ZERO
5236 A682 EE 85      .WORD EXIT
5237
5238                ;                SEC
5239
5240 A684 83 53 45 LA684 .BYTE $83,'SE', $C3
      A687 C3
5241 A688 76 A6      .WORD LA676
5242 A68A 18 89      ASEC .WORD DOCOL
5243 A68C 27 A6      .WORD COMX
5244 A68E BF 89      .WORD TWO
5245 A690 EE 85      .WORD EXIT
5246
5247                ;                RP)
5248
5249 A692 83 52 50 LA692 .BYTE $83,'RP', $A9
      A695 A9
5250 A696 84 A6      .WORD LA684
5251 A698 18 89      RPP .WORD DOCOL
5252 A69A 27 A6      .WORD COMX
5253 A69C 50 81      .WORD LIT,$101
      A69E 01 01
5254 A6A0 EE 85      .WORD EXIT
5255
5256                ;                CHKMODE
5257
5258 A6A2 87 43 48 LA6A2 .BYTE $87,'CHKMOD', $C5
      A6A5 4B 4D 4F
      A6A8 44 C5
5259 A6AA 92 A6      .WORD LA692
5260 A6AC 18 89      CHKMOD .WORD DOCOL
5261 A6AE FE 81      .WORD ZBRAN,$1A
      A6B0 1A 00
5262 A6B2 9E 07      .WORD AMODE
5263 A6B4 99 88      .WORD AT
5264 A6B6 50 81      .WORD LIT,8

```

	A6B8	08	00			
5265	A6BA	54	85		.WORD	ANDD
5266	A6BC	66	86		.WORD	ZEQU
5267	A6BE	FE	81		.WORD	ZBRAN, \$A
	A6C0	0A	00			
5268	A6C2	50	81		.WORD	LIT, 8
	A6C4	08	00			
5269	A6C6	9E	07		.WORD	AMODE
5270	A6C8	D3	88		.WORD	PSTOR
5271	A6CA	B7	89		.WORD	ONE
5272	A6CC	9E	07		.WORD	AMODE
5273	A6CE	99	88		.WORD	AT
5274	A6D0	50	81		.WORD	LIT, \$F
	A6D2	0F	00			
5275	A6D4	54	85		.WORD	ANDD
5276	A6D6	65	87		.WORD	QDUP
5277	A6D8	FE	81		.WORD	ZBRAN, \$E
	A6DA	0E	00			
5278	A6DC	AF	89		.WORD	ZERO
5279	A6DE	CF	82		.WORD	XDO
5280	A6E0	54	87		.WORD	DUPP
5281	A6E2	D3	86		.WORD	PLUS
5282	A6E4	1F	82		.WORD	XLOOP, \$FFFA
	A6E6	FA	FF			
5283	A6E8	D9	87		.WORD	OVER
5284	A6EA	E5	8A		.WORD	ONEP
5285	A6EC	99	88		.WORD	AT
5286	A6EE	54	85		.WORD	ANDD
5287	A6F0	66	86		.WORD	ZEQU
5288	A6F2	EE	85		.WORD	EXIT
5289						
5290				;	SOP	
5291						
5292	A6F4	83	53	4F	LA6F4	.BYTE \$83, 'SO', \$D0
	A6F7	D0				
5293	A6F8	A2	A6		.WORD	LA6A2
5294	A6FA	18	89		SOP	.WORD DOCOL
5295	A6FC	46	06		.WORD	CREAT
5296	A6FE	59	8B		.WORD	CCOMM
5297	A700	72	8D		.WORD	PSCOD
5298	A702	20	B2	8D	DOSOP	JSR DODOE
5299	A705	8A	88		.WORD	CAT
5300	A707	59	8B		.WORD	CCOMM
5301	A709	18	A6		.WORD	AMEM
5302	A70B	EE	85		.WORD	EXIT
5303						
5304				;	BRK,	
5305						
5306	A70D	84	42	52	LA70D	.BYTE \$84, 'BRK', \$AC
	A710	4B	AC			
5307	A712	F4	A6		.WORD	LA6F4
5308	A714	02	A7		.WORD	DOSOP
5309	A716	00			.BYTE	0
5310						
5311				;	CLC,	
5312						
5313	A717	84	43	4C	LA717	.BYTE \$84, 'CLC', \$AC
	A71A	43	AC			
5314	A71C	0D	A7		.WORD	LA70D
5315	A71E	02	A7		.WORD	DOSOP
5316	A720	18			.BYTE	\$18
5317						
5318				;	CLD,	
5319						
5320	A721	84	43	4C	LA721	.BYTE \$84, 'CLD', \$AC
	A724	44	AC			

5321	A726	17	A7			.WORD	LA717
5322	A728	02	A7			.WORD	DOSOP
5323	A72A	D8				.BYTE	\$D8
5324							
5325					;	CLI,	
5326							
5327	A72B	84	43	4C	LA72B	.BYTE	\$84,'CLI',\$AC
	A72E	49	AC				
5328	A730	21	A7			.WORD	LA721
5329	A732	02	A7			.WORD	DOSOP
5330	A734	58				.BYTE	\$58
5331							
5332					;	CLV,	
5333							
5334	A735	84	43	4C	LA735	.BYTE	\$84,'CLV',\$AC
	A738	56	AC				
5335	A73A	2B	A7			.WORD	LA72B
5336	A73C	02	A7			.WORD	DOSOP
5337	A73E	B8				.BYTE	\$B8
5338							
5339					;	DEX,	
5340							
5341	A73F	84	44	45	LA73F	.BYTE	\$84,'DEX',\$AC
	A742	58	AC				
5342	A744	35	A7			.WORD	LA735
5343	A746	02	A7			.WORD	DOSOP
5344	A748	CA				.BYTE	\$CA
5345							
5346					;	DEY,	
5347							
5348	A749	84	44	45	LA749	.BYTE	\$84,'DEY',\$AC
	A74C	59	AC				
5349	A74E	3F	A7			.WORD	LA73F
5350	A750	02	A7			.WORD	DOSOP
5351	A752	88				.BYTE	\$88
5352							
5353					;	INX,	
5354							
5355	A753	84	49	4E	LA753	.BYTE	\$84,'INX',\$AC
	A756	58	AC				
5356	A758	49	A7			.WORD	LA749
5357	A75A	02	A7			.WORD	DOSOP
5358	A75C	E8				.BYTE	\$E8
5359							
5360					;	INY,	
5361							
5362	A75D	84	49	4E	LA75D	.BYTE	\$84,'INY',\$AC
	A760	59	AC				
5363	A762	53	A7			.WORD	LA753
5364	A764	02	A7			.WORD	DOSOP
5365	A766	C8				.BYTE	\$C8
5366							
5367					;	NOP,	
5368							
5369	A767	84	4E	4F	LA767	.BYTE	\$84,'NOP',\$AC
	A76A	50	AC				
5370	A76C	5D	A7			.WORD	LA75D
5371	A76E	02	A7			.WORD	DOSOP
5372	A770	EA				.BYTE	\$EA
5373							
5374					;	PHA,	
5375							
5376	A771	84	50	48	LA771	.BYTE	\$84,'PHA',\$AC
	A774	41	AC				
5377	A776	67	A7			.WORD	LA767
5378	A778	02	A7			.WORD	DOSOP

5379	A77A	48				.BYTE	\$48
5380							
5381						PHP,	
5382							
5383	A77B	84 50 48	LA77B			.BYTE	\$84, 'PHP', \$AC
	A77E	50 AC					
5384	A780	71 A7				.WORD	LA771
5385	A782	02 A7				.WORD	DOSOP
5386	A784	08				.BYTE	8
5387							
5388						PLA,	
5389							
5390	A785	84 50 4C	LA785			.BYTE	\$84, 'PLA', \$AC
	A788	41 AC					
5391	A78A	7B A7				.WORD	LA77B
5392	A78C	02 A7				.WORD	DOSOP
5393	A78E	68				.BYTE	\$68
5394							
5395						PLP,	
5396							
5397	A78F	84 50 4C	LA78F			.BYTE	\$84, 'PLP', \$AC
	A792	50 AC					
5398	A794	85 A7				.WORD	LA785
5399	A796	02 A7				.WORD	DOSOP
5400	A798	28				.BYTE	\$28
5401							
5402						RTI,	
5403							
5404	A799	84 52 54	LA799			.BYTE	\$84, 'RTI', \$AC
	A79C	49 AC					
5405	A79E	8F A7				.WORD	LA78F
5406	A7A0	02 A7				.WORD	DOSOP
5407	A7A2	40				.BYTE	\$40
5408							
5409						RTS,	
5410							
5411	A7A3	84 52 54	LA7A3			.BYTE	\$84, 'RTS', \$AC
	A7A6	53 AC					
5412	A7A8	99 A7				.WORD	LA799
5413	A7AA	02 A7				.WORD	DOSOP
5414	A7AC	60				.BYTE	\$60
5415							
5416						SEC,	
5417							
5418	A7AD	84 53 45	LA7AD			.BYTE	\$84, 'SEC', \$AC
	A7B0	43 AC					
5419	A7B2	A3 A7				.WORD	LA7A3
5420	A7B4	02 A7				.WORD	DOSOP
5421	A7B6	38				.BYTE	\$38
5422							
5423						SED,	
5424							
5425	A7B7	84 53 45	LA7B7			.BYTE	\$84, 'SED', \$AC
	A7BA	44 AC					
5426	A7BC	AD A7				.WORD	LA7AD
5427	A7BE	02 A7				.WORD	DOSOP
5428	A7C0	F8				.BYTE	\$F8
5429							
5430						SEI,	
5431							
5432	A7C1	84 53 45	LA7C1			.BYTE	\$84, 'SEI', \$AC
	A7C4	49 AC					
5433	A7C6	B7 A7				.WORD	LA7B7
5434	A7C8	02 A7				.WORD	DOSOP
5435	A7CA	78				.BYTE	\$78
5436							

5437						;	TAX,	
5438								
5439	A7CB	84	54	41	LA7CB	.BYTE	\$84, 'TAX', \$AC	
	A7CE	58	AC					
5440	A7D0	C1	A7			.WORD	LA7C1	
5441	A7D2	02	A7			.WORD	DOSOP	
5442	A7D4	AA				.BYTE	\$AA	
5443								
5444						;	TAY,	
5445								
5446	A7D5	84	54	41	LA7D5	.BYTE	\$84, 'TAY', \$AC	
	A7D8	59	AC					
5447	A7DA	CB	A7			.WORD	LA7CB	
5448	A7DC	02	A7			.WORD	DOSOP	
5449	A7DE	A8				.BYTE	\$A8	
5450								
5451						;	TSX,	
5452								
5453	A7DF	84	54	53	LA7DF	.BYTE	\$84, 'TSX', \$AC	
	A7E2	58	AC					
5454	A7E4	D5	A7			.WORD	LA7D5	
5455	A7E6	02	A7			.WORD	DOSOP	
5456	A7E8	BA				.BYTE	\$BA	
5457								
5458						;	TXA,	
5459								
5460	A7E9	84	54	58	LA7E9	.BYTE	\$84, 'TXA', \$AC	
	A7EC	41	AC					
5461	A7EE	DF	A7			.WORD	LA7DF	
5462	A7F0	02	A7			.WORD	DOSOP	
5463	A7F2	8A				.BYTE	\$8A	
5464								
5465						;	TXS,	
5466								
5467	A7F3	84	54	58	LA7F3	.BYTE	\$84, 'TXS', \$AC	
	A7F6	53	AC					
5468	A7F8	E9	A7			.WORD	LA7E9	
5469	A7FA	02	A7			.WORD	DOSOP	
5470	A7FC	9A				.BYTE	\$9A	
5471								
5472						;	TYA,	
5473								
5474	A7FD	84	54	59	LA7FD	.BYTE	\$84, 'TYA', \$AC	
	A800	41	AC					
5475	A802	F3	A7			.WORD	LA7F3	
5476	A804	02	A7			.WORD	DOSOP	
5477	A806	98				.BYTE	\$98	
5478								
5479						;	MOP	
5480								
5481	A807	83	4D	4F	LA807	.BYTE	\$83, 'MO', \$D0	
	A80A	D0						
5482	A80B	FD	A7			.WORD	LA7FD	
5483	A80D	18	89		MOP	.WORD	DOCOL	
5484	A80F	46	06			.WORD	CREAT	
5485	A811	59	8B			.WORD	CCOMM	
5486	A813	48	8B			.WORD	COMMA	
5487	A815	72	8D			.WORD	PSCOD	
5488	A817	20	B2	8D	DOMOP	JSR	DODOE	
5489	A81A	54	87			.WORD	DUPP	
5490	A81C	E5	8A			.WORD	ONEP	
5491	A81E	99	88			.WORD	AT	
5492	A820	50	81			.WORD	LIT, \$80	
	A822	80	00					
5493	A824	54	85			.WORD	ANDD	
5494	A826	FE	81			.WORD	ZBRAN, \$A	

	A828	0A	00		
5495	A82A	50	81	.WORD	LIT,\$10
	A82C	10	00		
5496	A82E	9E	07	.WORD	AMODE
5497	A830	D3	88	.WORD	PSTOR
5498	A832	D9	87	.WORD	OVER
5499	A834	50	81	.WORD	LIT,\$FF00
	A836	00	FF		
5500	A838	54	85	.WORD	ANDD
5501	A83A	AC	A6	.WORD	CHKMOD
5502	A83C	AC	A6	.WORD	CHKMOD
5503	A83E	FE	81	.WORD	ZBRAN,\$10
	A840	10	00		
5504	A842	18	A6	.WORD	AMEM
5505	A844	52	8D	.WORD	CRR
5506	A846	6C	8B	.WORD	LAST
5507	A848	23	91	.WORD	IDDOT
5508	A84A	50	81	.WORD	LIT,3
	A84C	03	00		
5509	A84E	EC	90	.WORD	ERROR
5510	A850	8A	88	.WORD	CAT
5511	A852	9E	07	.WORD	AMODE
5512	A854	8A	88	.WORD	CAT
5513	A856	D3	A5	.WORD	BASADR
5514	A858	D3	86	.WORD	PLUS
5515	A85A	8A	88	.WORD	CAT
5516	A85C	D3	86	.WORD	PLUS
5517	A85E	59	8B	.WORD	CCOMM
5518	A860	9E	07	.WORD	AMODE
5519	A862	8A	88	.WORD	CAT
5520	A864	50	81	.WORD	LIT,7
	A866	07	00		
5521	A868	54	85	.WORD	ANDD
5522	A86A	FE	81	.WORD	ZBRAN,\$1E
	A86C	1E	00		
5523	A86E	9E	07	.WORD	AMODE
5524	A870	8A	88	.WORD	CAT
5525	A872	50	81	.WORD	LIT,\$F
	A874	0F	00		
5526	A876	54	85	.WORD	ANDD
5527	A878	50	81	.WORD	LIT,7
	A87A	07	00		
5528	A87C	8C	86	.WORD	LESS
5529	A87E	FE	81	.WORD	ZBRAN,8
	A880	08	00		
5530	A882	59	8B	.WORD	CCOMM
5531	A884	DD	81	.WORD	BRAN,4
	A886	04	00		
5532	A888	48	8B	.WORD	COMMA
5533	A88A	18	A6	.WORD	AMEM
5534	A88C	EE	85	.WORD	EXIT
5535					
5536				;	ADC,
5537					
5538	A88E	84	41 44	LA88E	.BYTE \$84,'ADC',\$AC
	A891	43	AC		
5539	A893	07	A8	.WORD	LA807
5540	A895	17	A8	.WORD	DOMOP
5541	A897	60 6E	1C	.BYTE	\$60,\$6E,\$1C
5542					
5543				;	AND,
5544					
5545	A89A	84	41 4E	LA89A	.BYTE \$84,'AND',\$AC
	A89D	44	AC		
5546	A89F	8E	A8	.WORD	LA88E
5547	A8A1	17	A8	.WORD	DOMOP

5548	A8A3	20	6E	1C		.BYTE	\$20,\$6E,\$1C
5549							
5550					;	CMP,	
5551							
5552	A8A6	84	43	4D	LA8A6	.BYTE	\$84,'CMP',\$AC
	A8A9	50	AC				
5553	A8AB	9A	A8			.WORD	LA89A
5554	A8AD	17	A8			.WORD	DOMOP
5555	A8AF	C0	6E	1C		.BYTE	\$C0,\$6E,\$1C
5556							
5557					;	EOR,	
5558							
5559	A8B2	84	45	4F	LA8B2	.BYTE	\$84,'EOR',\$AC
	A8B5	52	AC				
5560	A8B7	A6	A8			.WORD	LA8A6
5561	A8B9	17	A8			.WORD	DOMOP
5562	A8BB	40	6E	1C		.BYTE	\$40,\$6E,\$1C
5563							
5564					;	LDA,	
5565							
5566	A8BE	84	4C	44	LA8BE	.BYTE	\$84,'LDA',\$AC
	A8C1	41	AC				
5567	A8C3	B2	A8			.WORD	LA8B2
5568	A8C5	17	A8			.WORD	DOMOP
5569	A8C7	A0	6E	1C		.BYTE	\$A0,\$6E,\$1C
5570							
5571					;	ORA,	
5572							
5573	A8CA	84	4F	52	LA8CA	.BYTE	\$84,'ORA',\$AC
	A8CD	41	AC				
5574	A8CF	BE	A8			.WORD	LA8BE
5575	A8D1	17	A8			.WORD	DOMOP
5576	A8D3	00	6E	1C		.BYTE	0,\$6E,\$1C
5577							
5578					;	SBC,	
5579							
5580	A8D6	84	53	42	LA8D6	.BYTE	\$84,'SBC',\$AC
	A8D9	43	AC				
5581	A8DB	CA	A8			.WORD	LA8CA
5582	A8DD	17	A8			.WORD	DOMOP
5583	A8DF	E0	6E	1C		.BYTE	\$E0,\$6E,\$1C
5584							
5585					;	STA,	
5586							
5587	A8E2	84	53	54	LA8E2	.BYTE	\$84,'STA',\$AC
	A8E5	41	AC				
5588	A8E7	D6	A8			.WORD	LA8D6
5589	A8E9	17	A8			.WORD	DOMOP
5590	A8EB	80	6C	1C		.BYTE	\$80,\$6C,\$1C
5591							
5592					;	ASL,	
5593							
5594	A8EE	84	41	53	LA8EE	.BYTE	\$84,'ASL',\$AC
	A8F1	4C	AC				
5595	A8F3	E2	A8			.WORD	LA8E2
5596	A8F5	17	A8			.WORD	DOMOP
5597	A8F7	01	0D	0D		.BYTE	1,\$D,\$D
5598							
5599					;	DEC,	
5600							
5601	A8FA	84	44	45	LA8FA	.BYTE	\$84,'DEC',\$AC
	A8FD	43	AC				
5602	A8FF	EE	A8			.WORD	LA8EE
5603	A901	17	A8			.WORD	DOMOP
5604	A903	C1	0C	0C		.BYTE	\$C1,\$C,\$C
5605							


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5606                ;      INC,
5607
5608  A906  84 49 4E  LA906  .BYTE  $84, 'INC', $AC
      A909  43 AC
5609  A90B  FA A8          .WORD  LA8FA
5610  A90D  17 A8          .WORD  DOMOP
5611  A90F  E1 0C 0C      .BYTE  $E1, $C, $C
5612
5613                ;      LSR,
5614
5615  A912  84 4C 53  LA912  .BYTE  $84, 'LSR', $AC
      A915  52 AC
5616  A917  06 A9          .WORD  LA906
5617  A919  17 A8          .WORD  DOMOP
5618  A91B  41 0D 0D      .BYTE  $41, $D, $D
5619
5620                ;      ROL,
5621
5622  A91E  84 52 4F  LA91E  .BYTE  $84, 'ROL', $AC
      A921  4C AC
5623  A923  12 A9          .WORD  LA912
5624  A925  17 A8          .WORD  DOMOP
5625  A927  21 0D 0D      .BYTE  $21, $D, $D
5626
5627                ;      ROR,
5628
5629  A92A  84 52 4F  LA92A  .BYTE  $84, 'ROR', $AC
      A92D  52 AC
5630  A92F  1E A9          .WORD  LA91E
5631  A931  17 A8          .WORD  DOMOP
5632  A933  61 0D 0D      .BYTE  $61, $D, $D
5633
5634                ;      STX,
5635
5636  A936  84 53 54  LA936  .BYTE  $84, 'STX', $AC
      A939  58 AC
5637  A93B  2A A9          .WORD  LA92A
5638  A93D  17 A8          .WORD  DOMOP
5639  A93F  81 14 04      .BYTE  $81, $14, 4
5640
5641                ;      CPX,
5642
5643  A942  84 43 50  LA942  .BYTE  $84, 'CPX', $AC
      A945  58 AC
5644  A947  36 A9          .WORD  LA936
5645  A949  17 A8          .WORD  DOMOP
5646  A94B  E0 86 04      .BYTE  $E0, $86, 4
5647
5648                ;      CPY,
5649
5650  A94E  84 43 50  LA94E  .BYTE  $84, 'CPY', $AC
      A951  59 AC
5651  A953  42 A9          .WORD  LA942
5652  A955  17 A8          .WORD  DOMOP
5653  A957  C0 86 04      .BYTE  $C0, $86, 4
5654
5655                ;      LDX,
5656
5657  A95A  84 4C 44  LA95A  .BYTE  $84, 'LDX', $AC
      A95D  58 AC
5658  A95F  4E A9          .WORD  LA94E
5659  A961  17 A8          .WORD  DOMOP
5660  A963  A2 96 14      .BYTE  $A2, $96, $14
5661
5662                ;      LDY,
5663

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5664	A966	84	4C	44	LA966	.BYTE	\$84,'LDY', \$AC
	A969	59	AC				
5665	A96B	5A	A9			.WORD	LA95A
5666	A96D	17	A8			.WORD	DOMOP
5667	A96F	A0	8E	0C		.BYTE	\$A0,\$8E,\$C
5668							
5669					;	STY,	
5670							
5671	A972	84	53	54	LA972	.BYTE	\$84,'STY', \$AC
	A975	59	AC				
5672	A977	66	A9			.WORD	LA966
5673	A979	17	A8			.WORD	DOMOP
5674	A97B	80	8C	04		.BYTE	\$80,\$8C, 4
5675							
5676					;	JSR,	
5677							
5678	A97E	84	4A	53	LA97E	.BYTE	\$84,'JSR', \$AC
	A981	52	AC				
5679	A983	72	A9			.WORD	LA972
5680	A985	17	A8			.WORD	DOMOP
5681	A987	14	80	04		.BYTE	\$14,\$80, 4
5682							
5683					;	JMP,	
5684							
5685	A98A	84	4A	4D	LA98A	.BYTE	\$84,'JMP', \$AC
	A98D	50	AC				
5686	A98F	7E	A9			.WORD	LA97E
5687	A991	17	A8		JMPP	.WORD	DOMOP
5688	A993	40	80	84		.BYTE	\$40,\$80,\$84
5689							
5690					;	BIT,	
5691							
5692	A996	84	42	49	LA996	.BYTE	\$84,'BIT', \$AC
	A999	54	AC				
5693	A99B	8A	A9			.WORD	LA98A
5694	A99D	17	A8			.WORD	DOMOP
5695	A99F	20	84	04		.BYTE	\$20,\$84, 4
5696							
5697					;	>BRANGE	
5698							
5699	A9A2	87	3E	42	LA9A2	.BYTE	\$87,'>BRANG', \$C5
	A9A5	52	41	4E			
	A9A8	47	C5				
5700	A9AA	96	A9			.WORD	LA996
5701	A9AC	18	89		LA9AC	.WORD	DOCOL
5702	A9AE	54	87			.WORD	DUPP
5703	A9B0	7B	86			.WORD	ZLESS
5704	A9B2	D9	87			.WORD	OVER
5705	A9B4	50	81			.WORD	LIT,\$7F
	A9B6	7F	00				
5706	A9B8	A7	8B			.WORD	GREAT
5707	A9BA	69	85			.WORD	ORR
5708	A9BC	50	81			.WORD	LIT,13
	A9BE	0D	00				
5709	A9C0	2A	8C			.WORD	QERR
5710	A9C2	EE	85			.WORD	EXIT
5711							
5712					;	<BRANGE	
5713							
5714	A9C4	87	3C	42	LA9C4	.BYTE	\$87,'<BRANG', \$C5
	A9C7	52	41	4E			
	A9CA	47	C5				
5715	A9CC	A2	A9			.WORD	LA9A2
5716	A9CE	18	89		LA9CE	.WORD	DOCOL
5717	A9D0	54	87			.WORD	DUPP
5718	A9D2	D3	8D			.WORD	ZGREA

5719	A9D4	D9	87			.WORD	OVER
5720	A9D6	50	81			.WORD	LIT,\$FF80
	A9D8	80	FF				
5721	A9DA	8C	86			.WORD	LESS
5722	A9DC	69	85			.WORD	ORR
5723	A9DE	50	81			.WORD	LIT,13
	A9E0	0D	00				
5724	A9E2	2A	8C			.WORD	QERR
5725	A9E4	EE	85			.WORD	EXIT
5726							
5727					;	0<	
5728							
5729	A9E6	82	30	BC	LA9E6	.BYTE	\$82,'0',\$BC
5730	A9E9	C4	A9			.WORD	LA9C4
5731	A9EB	51	89		LA9EB	.WORD	DOCON
5732	A9ED	10	00			.WORD	\$10
5733							
5734					;	VS	
5735							
5736	A9EF	82	56	D3	LA9EF	.BYTE	\$82,'V',\$D3
5737	A9F2	E6	A9			.WORD	LA9E6
5738	A9F4	51	89		LA9F4	.WORD	DOCON
5739	A9F6	50	00			.WORD	\$50
5740							
5741					;	CS	
5742							
5743	A9F8	82	43	D3	LA9F8	.BYTE	\$82,'C',\$D3
5744	A9FB	EF	A9			.WORD	LA9EF
5745	A9FD	51	89		LA9FD	.WORD	DOCON
5746	A9FF	90	00			.WORD	\$90
5747							
5748					;	0=	
5749							
5750	AA01	82	30	BD	LAA01	.BYTE	\$82,'0',\$BD
5751	AA04	F8	A9			.WORD	LA9F8
5752	AA06	51	89		LAA06	.WORD	DOCON
5753	AA08	D0	00			.WORD	\$D0
5754							
5755					;	NOT	
5756							
5757	AA0A	83	4E	4F	LAA0A	.BYTE	\$83,'NO',\$D4
	AA0D	D4					
5758	AA0E	01	AA			.WORD	LAA01
5759	AA10	18	89		LAA10	.WORD	DOCOL
5760	AA12	50	81			.WORD	LIT,\$20
	AA14	20	00				
5761	AA16	D3	86			.WORD	PLUS
5762	AA18	EE	85			.WORD	EXIT
5763							
5764					;	IF,	
5765							
5766	AA1A	83	49	46	LAA1A	.BYTE	\$83,'IF',\$AC
	AA1D	AC					
5767	AA1E	0A	AA			.WORD	LAA0A
5768	AA20	18	89		AIF	.WORD	DOCOL
5769	AA22	59	8B			.WORD	CCOMM
5770	AA24	1C	8B			.WORD	HERE
5771	AA26	AF	89			.WORD	ZERO
5772	AA28	59	8B			.WORD	CCOMM
5773	AA2A	BF	89			.WORD	TWO
5774	AA2C	EE	85			.WORD	EXIT
5775							
5776					;	THEN,	
5777							
5778	AA2E	85	54	48	LAA2E	.BYTE	\$85,'THEN',\$AC
	AA31	45	4E	AC			

5779	AA34	1A	AA			.WORD	LAA1A
5780	AA36	18	89	ATHEN		.WORD	DOCOL
5781	AA38	5C	8C			.WORD	QEXEC
5782	AA3A	BF	89			.WORD	TWO
5783	AA3C	73	8C			.WORD	QPAIR
5784	AA3E	1C	8B			.WORD	HERE
5785	AA40	D9	87			.WORD	OVER
5786	AA42	8A	88			.WORD	CAT
5787	AA44	FE	81			.WORD	ZBRAN, \$A
	AA46	0A	00				
5788	AA48	96	87			.WORD	SWAP
5789	AA4A	BB	88			.WORD	STORE
5790	AA4C	DD	81			.WORD	BRAN, \$E
	AA4E	0E	00				
5791	AA50	D9	87			.WORD	OVER
5792	AA52	E5	8A			.WORD	ONEP
5793	AA54	8F	8B			.WORD	SUBB
5794	AA56	AC	A9			.WORD	LA9AC
5795	AA58	96	87			.WORD	SWAP
5796	AA5A	AE	88			.WORD	CSTOR
5797	AA5C	EE	85			.WORD	EXIT
5798							
5799				;		ELSE,	
5800							
5801	AA5E	85	45	4C	LAA5E	.BYTE	\$85, 'ELSE', \$AC
	AA61	53	45	AC			
5802	AA64	2E	AA			.WORD	LAA2E
5803	AA66	18	89	AELSE		.WORD	DOCOL
5804	AA68	BF	89			.WORD	TWO
5805	AA6A	73	8C			.WORD	QPAIR
5806	AA6C	1C	8B			.WORD	HERE
5807	AA6E	E5	8A			.WORD	ONEP
5808	AA70	B7	89			.WORD	ONE
5809	AA72	91	A9			.WORD	JMPP
5810	AA74	96	87			.WORD	SWAP
5811	AA76	1C	8B			.WORD	HERE
5812	AA78	D9	87			.WORD	OVER
5813	AA7A	E5	8A			.WORD	ONEP
5814	AA7C	8F	8B			.WORD	SUBB
5815	AA7E	AC	A9			.WORD	LA9AC
5816	AA80	96	87			.WORD	SWAP
5817	AA82	AE	88			.WORD	CSTOR
5818	AA84	BF	89			.WORD	TWO
5819	AA86	EE	85			.WORD	EXIT
5820							
5821				;		BEGIN,	
5822							
5823	AA88	86	42	45	LAA88	.BYTE	\$86, 'BEGIN', \$AC
	AA8B	47	49	4E			
	AA8E	AC					
5824	AA8F	5E	AA			.WORD	LAA5E
5825	AA91	18	89	ABEGIN		.WORD	DOCOL
5826	AA93	1C	8B			.WORD	HERE
5827	AA95	B7	89			.WORD	ONE
5828	AA97	EE	85			.WORD	EXIT
5829							
5830				;		UNTIL,	
5831							
5832	AA99	86	55	4E	LAA99	.BYTE	\$86, 'UNTIL', \$AC
	AA9C	54	49	4C			
	AA9F	AC					
5833	AAA0	88	AA			.WORD	LAA88
5834	AAA2	18	89	AUNTIL		.WORD	DOCOL
5835	AAA4	5C	8C			.WORD	QEXEC
5836	AAA6	96	87			.WORD	SWAP
5837	AAA8	B7	89			.WORD	ONE

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5838 AAAA 73 8C .WORD QPAIR
5839 AAAC 59 8B .WORD CCOMM
5840 AA AE 1C 8B .WORD HERE
5841 AAB0 E5 8A .WORD ONEP
5842 AAB2 8F 8B .WORD SUBB
5843 AAB4 CE A9 .WORD LA9CE
5844 AAB6 59 8B .WORD CCOMM
5845 AAB8 EE 85 .WORD EXIT
5846
5847 ; AGAIN,
5848
5849 AABA 86 41 47 LAABA .BYTE $86, 'AGAIN', $AC
      AABD 41 49 4E
      AAC0 AC
5850 AAC1 99 AA .WORD LAA99
5851 AAC3 18 89 AAGAIN .WORD DOCOL
5852 AAC5 5C 8C .WORD QEXEC
5853 AAC7 B7 89 .WORD ONE
5854 AAC9 73 8C .WORD QPAIR
5855 AACB 91 A9 .WORD JMPP
5856 AACD EE 85 .WORD EXIT
5857
5858 ; WHILE,
5859
5860 AACF 86 57 48 LAACF .BYTE $86, 'WHILE', $AC
      AAD2 49 4C 45
      AAD5 AC
5861 AAD6 BA AA .WORD LAABA
5862 AAD8 18 89 AWHIL .WORD DOCOL
5863 AADA D9 87 .WORD OVER
5864 AADC B7 89 .WORD ONE
5865 AADE 73 8C .WORD QPAIR
5866 AAE0 20 AA .WORD AIF
5867 AAE2 EE 85 .WORD EXIT
5868
5869 ; REPEAT,
5870
5871 AAE4 87 52 45 LA AE4 .BYTE $87, 'REPEAT', $AC
      AAE7 50 45 41
      AAEA 54 AC
5872 AAEC CF AA .WORD LAACF
5873 AAEE 18 89 AREPEA .WORD DOCOL
5874 AAF0 5C 8C .WORD QEXEC
5875 AAF2 BF 89 .WORD TWO
5876 AAF4 73 8C .WORD QPAIR
5877 AAF6 1C 8B .WORD HERE
5878 AAF8 F2 8A .WORD TWOP
5879 AAFA D9 87 .WORD OVER
5880 AAFC 8F 8B .WORD SUBB
5881 AAFE AC A9 .WORD LA9AC
5882 AB00 96 87 .WORD SWAP
5883 AB02 AE 88 .WORD CSTOR
5884 AB04 C3 AA .WORD AAGAIN
5885 AB06 EE 85 .WORD EXIT
5886
5887 ; MACRO
5888
5889 AB08 85 4D 41 LAB08 .BYTE $85, 'MACR', $CF
      AB0B 43 52 CF
5890 AB0E E4 AA .WORD LA AE4
5891 AB10 18 89 MACRO .WORD DOCOL
5892 AB12 50 81 .WORD LIT, ASSEM+2
      AB14 91 07
5893 AB16 37 A5 .WORD QCURR
5894 AB18 6E 92 .WORD COLON
5895 AB1A EE 85 .WORD EXIT

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5896
5897                                     ;          END-CODE
5898
5899  AB1C  C8 45 4E  LAB1C  .BYTE  $C8,'END-COD',$C5
      AB1F 44 2D 43
      AB22 4F 44 C5
5900  AB25 08 AB      .WORD  LAB08
5901  AB27 18 89      ENDCOD .WORD  DOCOL
5902  AB29 A5 8A      .WORD  CURR
5903  AB2B 99 88      .WORD  AT
5904  AB2D 98 8A      .WORD  CONT
5905  AB2F BB 88      .WORD  STORE
5906  AB31 5C 8C      .WORD  QEXEC
5907  AB33 86 8C      .WORD  QCSP
5908  AB35 7F 8B      .WORD  SMUDG
5909  AB37 EE 85      .WORD  EXIT
5910
5911                                     ;          CODE
5912
5913  AB39  C4 43 4F  LAB39  .BYTE  $C4,'COD',$C5
      AB3C 44 C5
5914  AB3E 2C A5      .WORD  LA52C
5915  AB40 18 89      CODE   .WORD  DOCOL
5916  AB42 5C 8C      .WORD  QEXEC
5917  AB44 46 06      .WORD  CREAT
5918  AB46 1C 8B      .WORD  HERE
5919  AB48 1C 8B      .WORD  HERE
5920  AB4A 0D 8B      .WORD  TWOSUB
5921  AB4C BB 88      .WORD  STORE
5922  AB4E 7F 8B      .WORD  SMUDG
5923  AB50 8F 07      .WORD  ASSEM
5924  AB52 18 A6      .WORD  AMEM
5925  AB54 17 8C      .WORD  SCSP
5926  AB56 EE 85      .WORD  EXIT
5927
5928                                     ;          LOCATE
5929
5930  AB58  86 4C 4F  LAB58  .BYTE  $86,'LOCAT',$C5
      AB5B 43 41 54
      AB5E C5
5931  AB5F A2 07      .WORD  LA18D-REL
5932  AB61 18 89      LOCATE .WORD  DOCOL
5933  AB63 7C 88      .WORD  QFILE
5934  AB65 50 81      .WORD  LIT,4
      AB67 04 00
5935  AB69 8C 86      .WORD  LESS
5936  AB6B FE 81      .WORD  ZBRAN,$28
      AB6D 28 00
5937  AB6F 00 8B      .WORD  ONESUB
5938  AB71 ED 82      .WORD  HIADR
5939  AB73 A7 89      .WORD  TRUE
5940  AB75 9B 8B      .WORD  EQUAL
5941  AB77 FE 81      .WORD  ZBRAN,$A
      AB79 0A 00
5942  AB7B 50 81      .WORD  LIT,$8000
      AB7D 00 80
5943  AB7F DD 81      .WORD  BRAN,4
      AB81 04 00
5944  AB83 1C 8B      .WORD  HERE
5945  AB85 96 87      .WORD  SWAP
5946  AB87 B7 89      .WORD  ONE
5947  AB89 C0 06      .WORD  RSW
5948  AB8B 50 81      .WORD  LIT,7
      AB8D 07 00
5949  AB8F 95 84      .WORD  TOVDU
5950  AB91 DD 81      .WORD  BRAN,4

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	AB93	04	00			
5951	AB95	42	87		.WORD	DROP
5952	AB97	EE	85		.WORD	EXIT
5953						
5954				;	SAVE	
5955						
5956	AB99	84	53	41	LAB99	.BYTE \$84,'SAV', \$C5
	AB9C	56	C5			
5957	AB9E	58	AB		.WORD	LAB58
5958	ABA0	18	89		SAVE	.WORD DOCOL
5959	ABA2	7F	8A		.WORD	SCR
5960	ABA4	99	88		.WORD	AT
5961	ABA6	5D	A4		.WORD	LIST
5962	ABA8	52	8D		.WORD	CRR
5963	ABAA	77	8E		.WORD	PDOTQ
5964	ABAC	04	4F	4B	.BYTE	4,'OK? '
	ABAF	3F	20			
5965	ABB1	21	06		.WORD	KEY
5966	ABB3	50	81		.WORD	LIT,\$59
	ABB5	59	00			
5967	ABB7	9B	8B		.WORD	EQUAL
5968	ABB9	FE	81		.WORD	ZBRAN,\$A
	ABBB	0A	00			
5969	ABBD	F5	9E		.WORD	PUPDA
5970	ABBF	DD	A1		.WORD	SAVBUF
5971	ABC1	DD	81		.WORD	BRAN,4
	ABC3	04	00			
5972	ABC5	A4	93		.WORD	QUIT
5973	ABC7	EE	85		.WORD	EXIT
5974						
5975				;	CLRSCR	
5976						
5977	ABC9	86	43	4C	LABC9	.BYTE \$86,'CLRSC', \$D2
	ABCC	52	53	43		
	ABCF	D2				
5978	ABD0	99	AB		.WORD	LAB99
5979	ABD2	18	89		CLRSCR	.WORD DOCOL
5980	ABD4	7F	8A		.WORD	SCR
5981	ABD6	99	88		.WORD	AT
5982	ABD8	54	87		.WORD	DUPP
5983	ABDA	50	81		.WORD	LIT,\$8000
	ABDC	00	80			
5984	ABDE	54	85		.WORD	ANDD
5985	ABE0	50	81		.WORD	LIT,6
	ABE2	06	00			
5986	ABE4	2A	8C		.WORD	QERR
5987	ABE6	54	87		.WORD	DUPP
5988	ABE8	EE	06		.WORD	PREV
5989	ABEA	99	88		.WORD	AT
5990	ABEC	54	87		.WORD	DUPP
5991	ABEE	D9	06		.WORD	BUFSZ
5992	ABF0	0D	8B		.WORD	TWOSUB
5993	ABF2	77	87		.WORD	TDUP
5994	ABF4	D3	86		.WORD	PLUS
5995	ABF6	AF	89		.WORD	ZERO
5996	ABF8	96	87		.WORD	SWAP
5997	ABFA	BB	88		.WORD	STORE
5998	ABFC	C6	8F		.WORD	BLANKS
5999	ABFE	BB	88		.WORD	STORE
6000	AC00	5D	A4		.WORD	LIST
6001	AC02	EE	85		.WORD	EXIT
6002						
6003				;	PROGRAM	
6004						
6005	AC04	87	50	52	LAC04	.BYTE \$87,'PROGRA', \$CD
	AC07	4F	47	52		

	AC0A	41	CD			
6006	AC0C	C9	AB		.WORD	LABC9
6007	AC0E	18	89	PROGRA	.WORD	DOCOL
6008	AC10	52	8D		.WORD	CRR
6009	AC12	77	8E		.WORD	PDOTQ
6010	AC14	13	31	73	.BYTE	19,'1st screen number? '
	AC17	74	20	73		
	AC1A	63	72	65		
	AC1D	65	6E	20		
	AC20	6E	75	6D		
	AC23	62	65	72		
	AC26	3F	20			
6011	AC28	1F	8F		.WORD	QUERY
6012	AC2A	35	93		.WORD	INTE
6013	AC2C	7F	8A		.WORD	SCR
6014	AC2E	BB	88		.WORD	STORE
6015	AC30	D2	AB		.WORD	CLRSCR
6016	AC32	AB	07		.WORD	EDITOR
6017	AC34	EE	85		.WORD	EXIT
6018						
6019				;	ANOTHER	
6020						
6021	AC36	87	41	4E	LAC36	.BYTE \$87,'ANOTHE',\$D2
	AC39	4F	54	48		
	AC3C	45	D2			
6022	AC3E	04	AC		.WORD	LAC04
6023	AC40	18	89	ANOTHR	.WORD	DOCOL
6024	AC42	B7	89		.WORD	ONE
6025	AC44	7F	8A		.WORD	SCR
6026	AC46	D3	88		.WORD	PSTOR
6027	AC48	D2	AB		.WORD	CLRSCR
6028	AC4A	EE	85		.WORD	EXIT
6029						
6030				;	MORE	
6031						
6032	AC4C	84	4D	4F	LAC4C	.BYTE \$84,'MOR',\$C5
	AC4F	52	C5			
6033	AC51	36	AC		.WORD	LAC36
6034	AC53	18	89	MORE	.WORD	DOCOL
6035	AC55	A0	AB		.WORD	SAVE
6036	AC57	40	AC		.WORD	ANOTHR
6037	AC59	EE	85		.WORD	EXIT
6038						
6039				;	TEXT	
6040						
6041	AC5B	84	54	45	LAC5B	.BYTE \$84,'TEX',\$D4
	AC5E	58	D4			
6042	AC60	4C	AC		.WORD	LAC4C
6043	AC62	18	89	TEXT	.WORD	DOCOL
6044	AC64	DC	89		.WORD	PAD
6045	AC66	D2	89		.WORD	CSLL
6046	AC68	F2	8A		.WORD	TWOP
6047	AC6A	C6	8F		.WORD	BLANKS
6048	AC6C	EE	8F		.WORD	PWORD
6049	AC6E	D2	89		.WORD	CSLL
6050	AC70	B1	95		.WORD	MIN
6051	AC72	DC	89		.WORD	PAD
6052	AC74	AE	88		.WORD	CSTOR
6053	AC76	DC	89		.WORD	PAD
6054	AC78	E3	8D		.WORD	COUNT
6055	AC7A	A7	84		.WORD	CMOVE
6056	AC7C	EE	85		.WORD	EXIT
6057						
6058				;	LINE	
6059						
6060	AC7E	84	4C	49	LAC7E	.BYTE \$84,'LIN',\$C5

	AC81	4E	C5			
6061	AC83	5B	AC		.WORD	LAC5B
6062	AC85	18	89	LINE	.WORD	DOCOL
6063	AC87	54	87		.WORD	DUPP
6064	AC89	50	81		.WORD	LIT,\$FFF0
	AC8B	F0	FF			
6065	AC8D	54	85		.WORD	ANDD
6066	AC8F	50	81		.WORD	LIT,23
	AC91	17	00			
6067	AC93	2A	8C		.WORD	QERR
6068	AC95	7F	8A		.WORD	SCR
6069	AC97	99	88		.WORD	AT
6070	AC99	5A	A2		.WORD	PLINE
6071	AC9B	42	87		.WORD	DROP
6072	AC9D	EE	85		.WORD	EXIT
6073						
6074				;	WHERE	
6075						
6076	AC9F	85	57 48	LAC9F	.BYTE	\$85,'WHER',\$C5
	ACA2	45	52 C5			
6077	ACA5	7E	AC		.WORD	LAC7E
6078	ACA7	18	89	WHERE	.WORD	DOCOL
6079	ACA9	54	87		.WORD	DUPP
6080	ACAB	F4	89		.WORD	BSCR
6081	ACAD	5A	96		.WORD	SLASH
6082	ACAF	54	87		.WORD	DUPP
6083	ACB1	7F	8A		.WORD	SCR
6084	ACB3	BB	88		.WORD	STORE
6085	ACB5	77	8E		.WORD	PDOTQ
6086	ACB7	06	53 43		.BYTE	6,'SCR # '
	ACBA	52	20 23			
	ACBD	20				
6087	ACBE	C1	97		.WORD	DECDOT
6088	ACC0	96	87		.WORD	SWAP
6089	ACC2	D2	89		.WORD	CSLL
6090	ACC4	4A	96		.WORD	SLMOD
6091	ACC6	D2	89		.WORD	CSLL
6092	ACC8	3B	96		.WORD	STAR
6093	ACCA	05	88		.WORD	ROT
6094	ACCC	5C	9F		.WORD	BLOCK
6095	ACCE	D3	86		.WORD	PLUS
6096	ACD0	52	8D		.WORD	CRR
6097	ACD2	D2	89		.WORD	CSLL
6098	ACD4	F6	8D		.WORD	TYPE
6099	ACD6	52	8D		.WORD	CRR
6100	ACD8	32	90		.WORD	WBFR
6101	ACDA	8A	88		.WORD	CAT
6102	ACDC	8F	8B		.WORD	SUBB
6103	ACDE	BC	96		.WORD	SPACS
6104	ACE0	50	81		.WORD	LIT,\$5E
	ACE2	5E	00			
6105	ACE4	17	06		.WORD	EMIT
6106	ACE6	AB	07		.WORD	EDITOR
6107	ACE8	4B	84		.WORD	SPSTO
6108	ACEA	A4	93		.WORD	QUIT
6109	ACEC	EE	85		.WORD	EXIT
6110						
6111				;	#LOCATE	
6112						
6113	ACEE	87	23 4C	LACEE	.BYTE	\$87,'#LOCAT',\$C5
	ACF1	4F	43 41			
	ACF4	54	C5			
6114	ACF6	5E	06		.WORD	FORTH+2
6115	ACF8	18	89	NLOCAT	.WORD	DOCOL
6116	ACFA	D4	8A		.WORD	RNUM
6117	ACFC	99	88		.WORD	AT

6118	ACFE	D2	89			.WORD	CSLL
6119	AD00	4A	96			.WORD	SLMOD
6120	AD02	EE	85			.WORD	EXIT
6121							
6122					;	#LEAD	
6123							
6124	AD04	85	23	4C	LAD04	.BYTE	\$85, '#LEA', \$C4
	AD07	45	41	C4			
6125	AD0A	EE	AC			.WORD	LACEE
6126	AD0C	18	89		NLEAD	.WORD	DOCOL
6127	AD0E	F8	AC			.WORD	NLOCAT
6128	AD10	85	AC			.WORD	LINE
6129	AD12	96	87			.WORD	SWAP
6130	AD14	EE	85			.WORD	EXIT
6131							
6132					;	#LAG	
6133							
6134	AD16	84	23	4C	LAD16	.BYTE	\$84, '#LA', \$C7
	AD19	41	C7				
6135	AD1B	04	AD			.WORD	LAD04
6136	AD1D	18	89		LAG	.WORD	DOCOL
6137	AD1F	0C	AD			.WORD	NLEAD
6138	AD21	54	87			.WORD	DUPP
6139	AD23	14	86			.WORD	TOR
6140	AD25	D3	86			.WORD	PLUS
6141	AD27	D2	89			.WORD	CSLL
6142	AD29	24	86			.WORD	RFROM
6143	AD2B	8F	8B			.WORD	SUBB
6144	AD2D	EE	85			.WORD	EXIT
6145							
6146					;	-MOVE	
6147							
6148	AD2F	85	2D	4D	LAD2F	.BYTE	\$85, '-MOV', \$C5
	AD32	4F	56	C5			
6149	AD35	16	AD			.WORD	LAD16
6150	AD37	18	89		DMOVE	.WORD	DOCOL
6151	AD39	85	AC			.WORD	LINE
6152	AD3B	D2	89			.WORD	CSLL
6153	AD3D	A7	84			.WORD	CMOVE
6154	AD3F	06	07			.WORD	UPDAT
6155	AD41	EE	85			.WORD	EXIT
6156							
6157					;	H	
6158							
6159	AD43	81	C8		LAD43	.BYTE	\$81, \$C8
6160	AD45	2F	AD			.WORD	LAD2F
6161	AD47	18	89		HH	.WORD	DOCOL
6162	AD49	85	AC			.WORD	LINE
6163	AD4B	DC	89			.WORD	PAD
6164	AD4D	E5	8A			.WORD	ONEP
6165	AD4F	D2	89			.WORD	CSLL
6166	AD51	54	87			.WORD	DUPP
6167	AD53	DC	89			.WORD	PAD
6168	AD55	AE	88			.WORD	CSTOR
6169	AD57	A7	84			.WORD	CMOVE
6170	AD59	EE	85			.WORD	EXIT
6171							
6172					;	E	
6173							
6174	AD5B	81	C5		LAD5B	.BYTE	\$81, \$C5
6175	AD5D	43	AD			.WORD	LAD43
6176	AD5F	18	89		EE	.WORD	DOCOL
6177	AD61	85	AC			.WORD	LINE
6178	AD63	D2	89			.WORD	CSLL
6179	AD65	C6	8F			.WORD	BLANKS
6180	AD67	06	07			.WORD	UPDAT

6181	AD69	EE 85		.WORD	EXIT
6182					
6183			;	S	
6184					
6185	AD6B	81 D3	LAD6B	.BYTE	\$81,\$D3
6186	AD6D	5B AD		.WORD	LAD5B
6187	AD6F	18 89	SS	.WORD	DOCOL
6188	AD71	54 87		.WORD	DUPP
6189	AD73	50 81		.WORD	LIT,\$FFF0
	AD75	F0 FF			
6190	AD77	54 85		.WORD	ANDD
6191	AD79	0A 8C		.WORD	NOT
6192	AD7B	FE 81		.WORD	ZBRAN,\$1A
	AD7D	1A 00			
6193	AD7F	54 87		.WORD	DUPP
6194	AD81	50 81		.WORD	LIT,\$E
	AD83	0E 00			
6195	AD85	CF 82		.WORD	XDO
6196	AD87	B7 82		.WORD	IDO
6197	AD89	85 AC		.WORD	LINE
6198	AD8B	B7 82		.WORD	IDO
6199	AD8D	E5 8A		.WORD	ONEP
6200	AD8F	37 AD		.WORD	DMOVE
6201	AD91	A7 89		.WORD	TRUE
6202	AD93	59 82		.WORD	XPLOO,\$FFF2
	AD95	F2 FF			
6203	AD97	5F AD		.WORD	EE
6204	AD99	EE 85		.WORD	EXIT
6205					
6206			;	D	
6207					
6208	AD9B	81 C4	LAD9B	.BYTE	\$81,\$C4
6209	AD9D	6B AD		.WORD	LAD6B
6210	AD9F	18 89	DD	.WORD	DOCOL
6211	ADA1	54 87		.WORD	DUPP
6212	ADA3	47 AD		.WORD	HH
6213	ADA5	54 87		.WORD	DUPP
6214	ADA7	50 81		.WORD	LIT,\$F
	ADA9	0F 00			
6215	ADAB	8F 8B		.WORD	SUBB
6216	ADAD	FE 81		.WORD	ZBRAN,\$1A
	ADAF	1A 00			
6217	ADB1	50 81		.WORD	LIT,\$F
	ADB3	0F 00			
6218	ADB5	54 87		.WORD	DUPP
6219	ADB7	05 88		.WORD	ROT
6220	ADB9	CF 82		.WORD	XDO
6221	ADBB	B7 82		.WORD	IDO
6222	ABD	E5 8A		.WORD	ONEP
6223	ADBF	85 AC		.WORD	LINE
6224	ADC1	B7 82		.WORD	IDO
6225	ADC3	37 AD		.WORD	DMOVE
6226	ADC5	1F 82		.WORD	XLOOP,\$FFF4
	ADC7	F4 FF			
6227	ADC9	5F AD		.WORD	EE
6228	ADCB	EE 85		.WORD	EXIT
6229					
6230			;	M	
6231					
6232	ADCD	81 CD	LADCD	.BYTE	\$81,\$CD
6233	ADCF	9B AD		.WORD	LAD9B
6234	ADD1	18 89	EMM	.WORD	DOCOL
6235	ADD3	D4 8A		.WORD	RNUM
6236	ADD5	D3 88		.WORD	PSTOR
6237	ADD7	52 8D		.WORD	CRR
6238	ADD9	3C 8B		.WORD	SPACE

6239	ADDB	0C	AD		.WORD	NLEAD
6240	ADDD	F6	8D		.WORD	TYPE
6241	ADDF	50	81		.WORD	LIT,\$7C
	ADE1	7C	00			
6242	ADE3	17	06		.WORD	EMIT
6243	ADE5	1D	AD		.WORD	LAG
6244	ADE7	F6	8D		.WORD	TYPE
6245	ADE9	F8	AC		.WORD	NLOCAT
6246	ADEB	99	97		.WORD	DOT
6247	ADED	42	87		.WORD	DROP
6248	ADEF	EE	85		.WORD	EXIT
6249						
6250				;	T	
6251						
6252	ADF1	81	D4	LADF1	.BYTE	\$81,\$D4
6253	ADF3	CD	AD		.WORD	LADCD
6254	ADF5	18	89	TT	.WORD	DOCOL
6255	ADF7	54	87		.WORD	DUPP
6256	ADF9	D2	89		.WORD	CSLL
6257	ADFB	3B	96		.WORD	STAR
6258	ADFD	D4	8A		.WORD	RNUM
6259	ADFF	BB	88		.WORD	STORE
6260	AE01	47	AD		.WORD	HH
6261	AE03	AF	89		.WORD	ZERO
6262	AE05	D1	AD		.WORD	EMM
6263	AE07	EE	85		.WORD	EXIT
6264						
6265				;	L	
6266						
6267	AE09	81	CC	LAE09	.BYTE	\$81,\$CC
6268	AE0B	F1	AD		.WORD	LADF1
6269	AE0D	18	89	LL	.WORD	DOCOL
6270	AE0F	7F	8A		.WORD	SCR
6271	AE11	99	88		.WORD	AT
6272	AE13	5D	A4		.WORD	LIST
6273	AE15	AF	89		.WORD	ZERO
6274	AE17	D1	AD		.WORD	EMM
6275	AE19	EE	85		.WORD	EXIT
6276						
6277				;	R	
6278						
6279	AE1B	81	D2	LAE1B	.BYTE	\$81,\$D2
6280	AE1D	09	AE		.WORD	LAE09
6281	AE1F	18	89	RR	.WORD	DOCOL
6282	AE21	DC	89		.WORD	PAD
6283	AE23	E5	8A		.WORD	ONEP
6284	AE25	96	87		.WORD	SWAP
6285	AE27	37	AD		.WORD	DMOVE
6286	AE29	EE	85		.WORD	EXIT
6287						
6288				;	P	
6289						
6290	AE2B	81	D0	LAE2B	.BYTE	\$81,\$D0
6291	AE2D	1B	AE		.WORD	LAE1B
6292	AE2F	18	89	PP	.WORD	DOCOL
6293	AE31	B7	89		.WORD	ONE
6294	AE33	62	AC		.WORD	TEXT
6295	AE35	1F	AE		.WORD	RR
6296	AE37	EE	85		.WORD	EXIT
6297						
6298				;	I	
6299						
6300	AE39	81	C9	LAE39	.BYTE	\$81,\$C9
6301	AE3B	2B	AE		.WORD	LAE2B
6302	AE3D	18	89	II	.WORD	DOCOL
6303	AE3F	54	87		.WORD	DUPP

6304	AE41	6F	AD			.WORD	SS
6305	AE43	1F	AE			.WORD	RR
6306	AE45	EE	85			.WORD	EXIT
6307							
6308					;	TOP	
6309							
6310	AE47	83	54	4F	LAE47	.BYTE	\$83, 'TO', \$D0
	AE4A	D0					
6311	AE4B	39	AE			.WORD	LAE39
6312	AE4D	18	89		TOPP	.WORD	DOCOL
6313	AE4F	AF	89			.WORD	ZERO
6314	AE51	D4	8A			.WORD	RNUM
6315	AE53	BB	88			.WORD	STORE
6316	AE55	EE	85			.WORD	EXIT
6317							
6318					;	CLEAR	
6319							
6320	AE57	85	43	4C	LAE57	.BYTE	\$85, 'CLEA', \$D2
	AE5A	45	41	D2			
6321	AE5D	47	AE			.WORD	LAE47
6322	AE5F	18	89		CLEAR	.WORD	DOCOL
6323	AE61	7F	8A			.WORD	SCR
6324	AE63	BB	88			.WORD	STORE
6325	AE65	50	81			.WORD	LIT, 16
	AE67	10	00				
6326	AE69	AF	89			.WORD	ZERO
6327	AE6B	CF	82			.WORD	XDO
6328	AE6D	B7	82			.WORD	IDO
6329	AE6F	5F	AD			.WORD	EE
6330	AE71	1F	82			.WORD	XLOOP, \$FFFA
	AE73	FA	FF				
6331	AE75	EE	85			.WORD	EXIT
6332							
6333					;	COPY	
6334							
6335	AE77	84	43	4F	LAE77	.BYTE	\$84, 'COP', \$D9
	AE7A	50	D9				
6336	AE7C	57	AE			.WORD	LAE57
6337	AE7E	18	89		COPY	.WORD	DOCOL
6338	AE80	F4	89			.WORD	BSCR
6339	AE82	3B	96			.WORD	STAR
6340	AE84	8B	8A			.WORD	OFFSE
6341	AE86	99	88			.WORD	AT
6342	AE88	D3	86			.WORD	PLUS
6343	AE8A	96	87			.WORD	SWAP
6344	AE8C	F4	89			.WORD	BSCR
6345	AE8E	3B	96			.WORD	STAR
6346	AE90	F4	89			.WORD	BSCR
6347	AE92	D9	87			.WORD	OVER
6348	AE94	D3	86			.WORD	PLUS
6349	AE96	96	87			.WORD	SWAP
6350	AE98	CF	82			.WORD	XDO
6351	AE9A	54	87			.WORD	DUPP
6352	AE9C	B7	82			.WORD	IDO
6353	AE9E	5C	9F			.WORD	BLOCK
6354	AEA0	0D	8B			.WORD	TWOSUB
6355	AEA2	BB	88			.WORD	STORE
6356	AEA4	E5	8A			.WORD	ONEP
6357	AEA6	06	07			.WORD	UPDAT
6358	AEA8	1F	82			.WORD	XLOOP, \$FFF0
	AEAA	F0	FF				
6359	AEAC	42	87			.WORD	DROP
6360	AEAE	DD	A1			.WORD	SAVBUF
6361	AEB0	EE	85			.WORD	EXIT
6362							
6363					;	MATCH	

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6364
6365 AEB2 85 4D 41 LAEB2 .BYTE $85,'MATC',$C8
    AEB5 54 43 C8
6366 AEB8 77 AE .WORD LAE77
6367 AEBA BC AE MATCH .WORD *+2
6368 AEBC A9 04 LDA #4
6369 AEBE 20 8A 81 JSR SETUP
6370 AEC1 CA DEX
6371 AEC2 CA DEX
6372 AEC3 CA DEX
6373 AEC4 CA DEX
6374 AEC5 94 00 STY 0,X
6375 AEC7 94 01 STY 1,X
6376 AEC9 A0 FF LAEC9 LDY #$FF
6377 AECB C8 LAECB INY
6378 AECC C4 60 CPY N
6379 AECE B0 2C BCS LAEFC
6380 AED0 B1 62 LDA (N+2),Y
6381 AED2 D1 66 CMP ($66),Y
6382 AED4 F0 F5 BEQ LAECB
6383 AED6 E6 66 INC $66
6384 AED8 D0 02 BNE LAEDC
6385 AEDA E6 67 INC $67
6386 AEDC F6 00 LAEDC INC 0,X
6387 AEDE D0 02 BNE LAEE2
6388 AEE0 F6 01 INC 1,X
6389 AEE2 A5 64 LAEE2 LDA N+4
6390 AEE4 D0 02 BNE LAEE8
6391 AEE6 C6 65 DEC N+5
6392 AEE8 C6 64 LAEE8 DEC N+4
6393 AEEA A5 64 LDA N+4
6394 AEEC C5 60 CMP N
6395 AEEE A5 65 LDA N+5
6396 AEF0 E5 61 SBC N+1
6397 AEF2 B0 D5 BCS LAEC9
6398 AEF4 A9 00 LDA #0
6399 AEF6 95 02 STA 2,X
6400 AEF8 95 03 STA 3,X
6401 AEFA A4 64 LDY N+4
6402 AEFC 18 LAEFC CLC
6403 AEFD 98 TYA
6404 AEFE 75 00 ADC 0,X
6405 AF00 48 PHA
6406 AF01 A9 00 LDA #0
6407 AF03 75 01 ADC 1,X
6408 AF05 4C 65 81 JMP PUT
6409
6410 ; 1LINE
6411
6412 AF08 85 31 4C LAF08 .BYTE $85,'1LIN',$C5
    AF0B 49 4E C5
6413 AF0E B2 AE .WORD LAEB2
6414 AF10 18 89 ONELIN .WORD DOCOL
6415 AF12 1D AD .WORD LAG
6416 AF14 DC 89 .WORD PAD
6417 AF16 E3 8D .WORD COUNT
6418 AF18 BA AE .WORD MATCH
6419 AF1A D4 8A .WORD RNUM
6420 AF1C D3 88 .WORD PSTOR
6421 AF1E EE 85 .WORD EXIT
6422
6423 ; $FIND
6424
6425 AF20 85 24 46 LAF20 .BYTE $85,'$FIN',$C4
    AF23 49 4E C4
6426 AF26 08 AF .WORD LAF08

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6427	AF28	18	89	SFIND	.WORD	DOCOL
6428	AF2A	50	81		.WORD	LIT,\$3FF
	AF2C	FF	03			
6429	AF2E	D4	8A		.WORD	RNUM
6430	AF30	99	88		.WORD	AT
6431	AF32	8C	86		.WORD	LESS
6432	AF34	FE	81		.WORD	ZBRAN,\$12
	AF36	12	00			
6433	AF38	4D	AE		.WORD	TOPP
6434	AF3A	DC	89		.WORD	PAD
6435	AF3C	1C	8B		.WORD	HERE
6436	AF3E	D2	89		.WORD	CSLL
6437	AF40	E5	8A		.WORD	ONEP
6438	AF42	A7	84		.WORD	CMOVE
6439	AF44	AF	89		.WORD	ZERO
6440	AF46	EC	90		.WORD	ERROR
6441	AF48	10	AF		.WORD	ONELIN
6442	AF4A	FE	81		.WORD	ZBRAN,\$FFDE
	AF4C	DE	FF			
6443	AF4E	EE	85		.WORD	EXIT
6444						
6445				;	DELETE	
6446						
6447	AF50	86	44 45	LAF50	.BYTE	\$86,'DELET',\$C5
	AF53	4C	45 54			
	AF56	C5				
6448	AF57	20	AF		.WORD	LAF20
6449	AF59	18	89	DELETE	.WORD	DOCOL
6450	AF5B	14	86		.WORD	TOR
6451	AF5D	1D	AD		.WORD	LAG
6452	AF5F	D3	86		.WORD	PLUS
6453	AF61	FE	85		.WORD	RAT
6454	AF63	8F	8B		.WORD	SUBB
6455	AF65	1D	AD		.WORD	LAG
6456	AF67	FE	85		.WORD	RAT
6457	AF69	11	87		.WORD	NEGAT
6458	AF6B	D4	8A		.WORD	RNUM
6459	AF6D	D3	88		.WORD	PSTOR
6460	AF6F	0C	AD		.WORD	NLEAD
6461	AF71	D3	86		.WORD	PLUS
6462	AF73	96	87		.WORD	SWAP
6463	AF75	A7	84		.WORD	CMOVE
6464	AF77	24	86		.WORD	RFROM
6465	AF79	C6	8F		.WORD	BLANKS
6466	AF7B	06	07		.WORD	UPDAT
6467	AF7D	EE	85		.WORD	EXIT
6468						
6469				;	N	
6470						
6471	AF7F	81	CE	LAF7F	.BYTE	\$81,\$CE
6472	AF81	50	AF		.WORD	LAF50
6473	AF83	18	89	NN	.WORD	DOCOL
6474	AF85	28	AF		.WORD	SFIND
6475	AF87	AF	89		.WORD	ZERO
6476	AF89	D1	AD		.WORD	EMM
6477	AF8B	EE	85		.WORD	EXIT
6478						
6479				;	F	
6480						
6481	AF8D	81	C6	LAF8D	.BYTE	\$81,\$C6
6482	AF8F	7F	AF		.WORD	LAF7F
6483	AF91	18	89	FF	.WORD	DOCOL
6484	AF93	B7	89		.WORD	ONE
6485	AF95	62	AC		.WORD	TEXT
6486	AF97	83	AF		.WORD	NN
6487	AF99	EE	85		.WORD	EXIT

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6488
6489           ;           B
6490
6491   AF9B   81  C2   LAF9B   .BYTE   $81,$C2
6492   AF9D   8D  AF           .WORD   LAF8D
6493   AF9F   18  89   BB           .WORD   DOCOL
6494   AFA1   DC  89           .WORD   PAD
6495   AFA3   8A  88           .WORD   CAT
6496   AFA5   11  87           .WORD   NEGAT
6497   AFA7   D1  AD           .WORD   EMM
6498   AFA9   EE  85           .WORD   EXIT
6499
6500           ;           X
6501
6502   AFAB   81  D8   LAFAB   .BYTE   $81,$D8
6503   AFAD   9B  AF           .WORD   LAF9B
6504   AFAF   18  89   XX           .WORD   DOCOL
6505   AFB1   B7  89           .WORD   ONE
6506   AFB3   62  AC           .WORD   TEXT
6507   AFB5   28  AF           .WORD   SFIND
6508   AFB7   DC  89           .WORD   PAD
6509   AFB9   8A  88           .WORD   CAT
6510   AFBB   59  AF           .WORD   DELETE
6511   AFBD   AF  89           .WORD   ZERO
6512   AFBF   D1  AD           .WORD   EMM
6513   AFC1   EE  85           .WORD   EXIT
6514
6515           ;           TILL
6516
6517   AFC3   84  54  49   LAFC3   .BYTE   $84,'TIL',$CC
6518   AFC6   4C  CC           .WORD   LAFAB
6519   AFC8   AB  AF           .WORD   DOCOL
6520   AFCA   18  89   TILL           .WORD   NLEAD
6521   AFCC   0C  AD           .WORD   PLUS
6522   AFCE   D3  86           .WORD   ONE
6523   AFD0   B7  89           .WORD   TEXT
6524   AFD2   62  AC           .WORD   ONELIN
6525   AFD4   10  AF           .WORD   ZEQU
6526   AFD6   66  86           .WORD   ZERO
6527   AFD8   AF  89           .WORD   QERR
6528   AFDA   2A  8C           .WORD   NLEAD
6529   AFDC   0C  AD           .WORD   PLUS
6530   AFDE   D3  86           .WORD   SWAP
6531   AFE0   96  87           .WORD   SUBB
6532   AFE2   8F  8B           .WORD   DELETE
6533   AFE4   59  AF           .WORD   ZERO
6534   AFE6   AF  89           .WORD   EMM
6535   AFE8   D1  AD           .WORD   EXIT
6536   AFEA   EE  85           .WORD
6537
6538           ;           C
6539
6539   AFEC   81  C3   LAFEC   .BYTE   $81,$C3
6540   AFEE   C3  AF           .WORD   LAFC3
6541   AFF0   18  89   CC           .WORD   DOCOL
6542   AFF2   B7  89           .WORD   ONE
6543   AFF4   62  AC           .WORD   TEXT
6544   AFF6   DC  89           .WORD   PAD
6545   AFF8   E3  8D           .WORD   COUNT
6546   AFFA   1D  AD           .WORD   LAG
6547   AFFC   05  88           .WORD   ROT
6548   AFFE   D9  87           .WORD   OVER
6549   B000   B1  95           .WORD   MIN
6550   B002   14  86           .WORD   TOR
6551   B004   FE  85           .WORD   RAT
6552   B006   D4  8A           .WORD   RNUM

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6553	B008	D3	88		.WORD	PSTOR
6554	B00A	FE	85		.WORD	RAT
6555	B00C	8F	8B		.WORD	SUBB
6556	B00E	14	86		.WORD	TOR
6557	B010	54	87		.WORD	DUPP
6558	B012	32	90		.WORD	WBFR
6559	B014	FE	85		.WORD	RAT
6560	B016	A7	84		.WORD	CMOVE
6561	B018	32	90		.WORD	WBFR
6562	B01A	0C	AD		.WORD	NLEAD
6563	B01C	D3	86		.WORD	PLUS
6564	B01E	24	86		.WORD	RFROM
6565	B020	A7	84		.WORD	CMOVE
6566	B022	24	86		.WORD	RFROM
6567	B024	A7	84		.WORD	CMOVE
6568	B026	06	07		.WORD	UPDAT
6569	B028	AF	89		.WORD	ZERO
6570	B02A	D1	AD		.WORD	EMM
6571	B02C	EE	85		.WORD	EXIT
6572						
6573				;	<CMOVE	
6574						
6575	B02E	86	3C	43	LB02E	.BYTE \$86, '<CMOV', \$C5
	B031	4D	4F	56		
	B034	C5				
6576	B035	9F	AC		.WORD	LAC9F
6577	B037	39	B0	CMOVU	.WORD	*+2
6578	B039	A9	03		LDA	#3
6579	B03B	20	8A	81	JSR	SETUP
6580	B03E	A5	61		LDA	N+1
6581	B040	30	26		BMI	LB068
6582	B042	18			CLC	
6583	B043	65	63		ADC	N+3
6584	B045	85	63		STA	N+3
6585	B047	A5	61		LDA	N+1
6586	B049	18			CLC	
6587	B04A	65	65		ADC	N+5
6588	B04C	85	65		STA	N+5
6589	B04E	A4	60		LDY	N
6590						
6591	B050	98		LB050	TYA	
6592	B051	D0	0D		BNE	LB060
6593	B053	A5	61		LDA	N+1
6594	B055	D0	03		BNE	LB05A
6595	B057	4C	6A	81	JMP	NEXT
6596						
6597	B05A	C6	61	LB05A	DEC	N+1
6598	B05C	C6	63		DEC	N+3
6599	B05E	C6	65		DEC	N+5
6600	B060	88		LB060	DEY	
6601	B061	B1	64		LDA	(N+4), Y
6602	B063	91	62		STA	(N+2), Y
6603	B065	4C	50	B0	JMP	LB050
6604						
6605	B068	4C	6A	81	LB068	JMP NEXT
6606						
6607				;	MOVE-BUFFERS	
6608						
6609	B06B	8C	4D	4F	LB06B	.BYTE \$8C, 'MOVE-BUFFER', \$D3
	B06E	56	45	2D		
	B071	42	55	46		
	B074	46	45	52		
	B077	D3				
6610	B078	2E	B0		.WORD	LB02E
6611	B07A	18	89	MOVBUF	.WORD	DOCOL
6612	B07C	39	06		.WORD	LIMIT

6613	B07E	77	87			.WORD	TDUP
6614	B080	8F	8B			.WORD	SUBB
6615	B082	65	87			.WORD	QDUP
6616	B084	FE	81			.WORD	ZBRAN,\$56
	B086	56	00				
6617	B088	2D	06			.WORD	FIRST
6618	B08A	D9	87			.WORD	OVER
6619	B08C	D3	86			.WORD	PLUS
6620	B08E	54	87			.WORD	DUPP
6621	B090	1C	8B			.WORD	HERE
6622	B092	B4	8B			.WORD	ULESS
6623	B094	50	81			.WORD	LIT,25
	B096	19	00				
6624	B098	2A	8C			.WORD	QERR
6625	B09A	05	88			.WORD	ROT
6626	B09C	2D	06			.WORD	FIRST
6627	B09E	8F	8B			.WORD	SUBB
6628	B0A0	14	86			.WORD	TOR
6629	B0A2	96	87			.WORD	SWAP
6630	B0A4	54	87			.WORD	DUPP
6631	B0A6	EE	06			.WORD	PREV
6632	B0A8	D3	88			.WORD	PSTOR
6633	B0AA	54	87			.WORD	DUPP
6634	B0AC	E3	06			.WORD	USE
6635	B0AE	D3	88			.WORD	PSTOR
6636	B0B0	14	86			.WORD	TOR
6637	B0B2	2D	06			.WORD	FIRST
6638	B0B4	D9	87			.WORD	OVER
6639	B0B6	50	81			.WORD	LIT,FIRST+2
	B0B8	2F	06				
6640	B0BA	BB	88			.WORD	STORE
6641	B0BC	96	87			.WORD	SWAP
6642	B0BE	24	86			.WORD	RFROM
6643	B0C0	24	86			.WORD	RFROM
6644	B0C2	96	87			.WORD	SWAP
6645	B0C4	7B	86			.WORD	ZLESS
6646	B0C6	FE	81			.WORD	ZBRAN,8
	B0C8	08	00				
6647	B0CA	A7	84			.WORD	CMOVE
6648	B0CC	DD	81			.WORD	BRAN,4
	B0CE	04	00				
6649	B0D0	37	B0			.WORD	CMOVU
6650	B0D2	50	81			.WORD	LIT,LIMIT+2
	B0D4	3B	06				
6651	B0D6	BB	88			.WORD	STORE
6652	B0D8	DD	81			.WORD	BRAN,4
	B0DA	04	00				
6653	B0DC	4C	87			.WORD	TDROP
6654	B0DE	EE	85			.WORD	EXIT
6655							
6656				;		PLOT	
6657							
6658	B0E0	84	50	4C	LB0E0	.BYTE	\$84,'PLO', \$D4
	B0E3	4F	D4				
6659	B0E5	6B	B0			.WORD	LB06B
6660	B0E7	18	89		PLOT	.WORD	DOCOL
6661	B0E9	50	81			.WORD	LIT,\$19
	B0EB	19	00				
6662	B0ED	95	84			.WORD	TOVDU
6663	B0EF	96	87			.WORD	SWAP
6664	B0F1	05	88			.WORD	ROT
6665	B0F3	95	84			.WORD	TOVDU
6666	B0F5	54	87			.WORD	DUPP
6667	B0F7	95	84			.WORD	TOVDU
6668	B0F9	36	86			.WORD	BSWAP
6669	B0FB	95	84			.WORD	TOVDU

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6670 B0FD 54 87 .WORD DUPP
6671 B0FF 95 84 .WORD TOVDU
6672 B101 36 86 .WORD BSWAP
6673 B103 95 84 .WORD TOVDU
6674 B105 EE 85 .WORD EXIT
6675
6676 B107 TOPNFA = *
6677
6678 ; $MSG
6679
6680 B107 84 24 4D LB107 .BYTE $84,'$MS', $C7
      B10A 53 C7
6681 B10C E0 B0 .WORD LB0E0
6682 B10E 18 89 SMSG .WORD DOCOL
6683 B110 54 87 .WORD DUPP
6684 B112 54 87 .WORD DUPP
6685 B114 D3 8D .WORD ZGREA
6686 B116 96 87 .WORD SWAP
6687 B118 50 81 .WORD LIT,26
      B11A 1A 00
6688 B11C 8C 86 .WORD LESS
6689 B11E 54 85 .WORD ANDD
6690 B120 FE 81 .WORD ZBRAN,$20
      B122 20 00
6691 B124 50 81 .WORD LIT, LB47E
      B126 7E B4
6692 B128 96 87 .WORD SWAP
6693 B12A AF 89 .WORD ZERO
6694 B12C CF 82 .WORD XDO
6695 B12E 54 87 .WORD DUPP
6696 B130 8A 88 .WORD CAT
6697 B132 D3 86 .WORD PLUS
6698 B134 E5 8A .WORD ONEP
6699 B136 1F 82 .WORD XLOOP,$FFF6
      B138 F6 FF
6700 B13A E3 8D .WORD COUNT
6701 B13C F6 8D .WORD TYPE
6702 B13E DD 81 .WORD BRAN,4
      B140 04 00
6703 B142 F1 97 .WORD MSGNUM
6704 B144 EE 85 .WORD EXIT
6705
6706 ; MM
6707
6708 B146 82 4D CD LB146 .BYTE $82,'M', $CD
6709 B149 07 B1 .WORD LB107
6710 B14B 18 89 MM .WORD DOCOL
6711 B14D F2 8A .WORD TWOP
6712 B14F 96 87 .WORD SWAP
6713 B151 54 87 .WORD DUPP
6714 B153 05 88 .WORD ROT
6715 B155 54 87 .WORD DUPP
6716 B157 05 88 .WORD ROT
6717 B159 D9 87 .WORD OVER
6718 B15B 8A 88 .WORD CAT
6719 B15D E5 8A .WORD ONEP
6720 B15F A7 84 .WORD CMOVE
6721 B161 8A 88 .WORD CAT
6722 B163 E5 8A .WORD ONEP
6723 B165 D3 86 .WORD PLUS
6724 B167 EE 85 .WORD EXIT
6725
6726 ; M1
6727
6728 B169 82 4D B1 LB169 .BYTE $82,'M', $B1
6729 B16C 46 B1 .WORD LB146

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6730	B16E	18	89	M1	.WORD	DOCOL
6731	B170	77	8E		.WORD	PDOTQ
6732	B172	0B	53 74		.BYTE	11,'Stack empty'
	B175	61	63 6B			
	B178	20	65 6D			
	B17B	70	74 79			
6733	B17E	EE	85		.WORD	EXIT
6734						
6735				;	M2	
6736						
6737	B180	82	4D B2	LB180	.BYTE	\$82,'M',\$B2
6738	B183	69	B1		.WORD	LB169
6739	B185	18	89	M2	.WORD	DOCOL
6740	B187	77	8E		.WORD	PDOTQ
6741	B189	0F	44 69		.BYTE	15,'Dictionary full'
	B18C	63	74 69			
	B18F	6F	6E 61			
	B192	72	79 20			
	B195	66	75 6C			
	B198	6C				
6742	B199	EE	85		.WORD	EXIT
6743						
6744				;	M3	
6745						
6746	B19B	82	4D B3	LB19B	.BYTE	\$82,'M',\$B3
6747	B19E	80	B1		.WORD	LB180
6748	B1A0	18	89	M3	.WORD	DOCOL
6749	B1A2	77	8E		.WORD	PDOTQ
6750	B1A4	1A	48 61		.BYTE	26,'Has incorrect address mode'
	B1A7	73	20 69			
	B1AA	6E	63 6F			
	B1AD	72	72 65			
	B1B0	63	74 20			
	B1B3	61	64 64			
	B1B6	72	65 73			
	B1B9	73	20 6D			
	B1BC	6F	64 65			
6751	B1BF	EE	85		.WORD	EXIT
6752						
6753				;	M4	
6754						
6755	B1C1	82	4D B4	LB1C1	.BYTE	\$82,'M',\$B4
6756	B1C4	9B	B1		.WORD	LB19B
6757	B1C6	18	89	M4	.WORD	DOCOL
6758	B1C8	77	8E		.WORD	PDOTQ
6759	B1CA	0C	49 73		.BYTE	12,'Isn',\$27,'t unique'
	B1CD	6E	27 74			
	B1D0	20	75 6E			
	B1D3	69	71 75			
	B1D6	65				
6760	B1D7	EE	85		.WORD	EXIT
6761						
6762				;	M5	
6763						
6764	B1D9	82	4D B5	LB1D9	.BYTE	\$82,'M',\$B5
6765	B1DC	C1	B1		.WORD	LB1C1
6766	B1DE	18	89	M5	.WORD	DOCOL
6767	B1E0	77	8E		.WORD	PDOTQ
6768	B1E2	1D	50 61		.BYTE	29,'Parameter outside valid range'
	B1E5	72	61 6D			
	B1E8	65	74 65			
	B1EB	72	20 6F			
	B1EE	75	74 73			
	B1F1	69	64 65			
	B1F4	20	76 61			
	B1F7	6C	69 64			

	B1FA	20	72	61			
	B1FD	6E	67	65			
6769	B200	EE	85			.WORD	EXIT
6770							
6771							
6772						M6	
6773	B202	82	4D	B6	LB202	.BYTE	\$82,'M',\$B6
6774	B205	D9	B1			.WORD	LB1D9
6775	B207	18	89		M6	.WORD	DOCOL
6776	B209	77	8E			.WORD	PDOTQ
6777	B20B	1A	53	63		.BYTE	26,'Screen number out of range'
	B20E	72	65	65			
	B211	6E	20	6E			
	B214	75	6D	62			
	B217	65	72	20			
	B21A	6F	75	74			
	B21D	20	6F	66			
	B220	20	72	61			
	B223	6E	67	65			
6778	B226	EE	85			.WORD	EXIT
6779							
6780						M7	
6781							
6782	B228	82	4D	B7	LB228	.BYTE	\$82,'M',\$B7
6783	B22B	02	B2			.WORD	LB202
6784	B22D	18	89		M7	.WORD	DOCOL
6785	B22F	77	8E			.WORD	PDOTQ
6786	B231	0A	53	74		.BYTE	10,'Stack full'
	B234	61	63	6B			
	B237	20	66	75			
	B23A	6C	6C				
6787	B23C	EE	85			.WORD	EXIT
6788							
6789						M8	
6790							
6791	B23E	82	4D	B8	LB23E	.BYTE	\$82,'M',\$B8
6792	B241	28	B2			.WORD	LB228
6793	B243	18	89		M8	.WORD	DOCOL
6794	B245	77	8E			.WORD	PDOTQ
6795	B247	19	43	61		.BYTE	25,'Can',\$27,'t open or extend file'
	B24A	6E	27	74			
	B24D	20	6F	70			
	B250	65	6E	20			
	B253	6F	72	20			
	B256	65	78	74			
	B259	65	6E	64			
	B25C	20	66	69			
	B25F	6C	65				
6796	B261	EE	85			.WORD	EXIT
6797							
6798						M9	
6799							
6800	B263	82	4D	B9	LB263	.BYTE	\$82,'M',\$B9
6801	B266	3E	B2			.WORD	LB23E
6802	B268	18	89		M9	.WORD	DOCOL
6803	B26A	77	8E			.WORD	PDOTQ
6804	B26C	18	52	65		.BYTE	24,'Read/Write not completed'
	B26F	61	64	2F			
	B272	57	72	69			
	B275	74	65	20			
	B278	6E	6F	74			
	B27B	20	63	6F			
	B27E	6D	70	6C			
	B281	65	74	65			
	B284	64					
6805	B285	EE	85			.WORD	EXIT

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6806
6807                                     ;          M10
6808
6809  B287  83 4D 31  LB287  .BYTE  $83,'M1',$B0
        B28A  B0
6810  B28B  63 B2          .WORD  LB263
6811  B28D  18 89          M10  .WORD  DOCOL
6812  B28F  77 8E          .WORD  PDOTQ
6813  B291  1A 43 61          .BYTE  26,'Can',$27,'t redefine end-of-line'
        B294  6E 27 74
        B297  20 72 65
        B29A  64 65 66
        B29D  69 6E 65
        B2A0  20 65 6E
        B2A3  64 2D 6F
        B2A6  66 2D 6C
        B2A9  69 6E 65
6814  B2AC  EE 85          .WORD  EXIT
6815
6816                                     ;          M11
6817
6818  B2AE  83 4D 31  LB2AE  .BYTE  $83,'M1',$B1
        B2B1  B1
6819  B2B2  87 B2          .WORD  LB287
6820  B2B4  18 89          M11  .WORD  DOCOL
6821  B2B6  77 8E          .WORD  PDOTQ
6822  B2B8  14 43 61          .BYTE  20,'Can',$27,'t divide by zero'
        B2BB  6E 27 74
        B2BE  20 64 69
        B2C1  76 69 64
        B2C4  65 20 62
        B2C7  79 20 7A
        B2CA  65 72 6F
6823  B2CD  EE 85          .WORD  EXIT
6824
6825                                     ;          M12
6826
6827  B2CF  83 4D 31  LB2CF  .BYTE  $83,'M1',$B2
        B2D2  B2
6828  B2D3  AE B2          .WORD  LB2AE
6829  B2D5  18 89          M12  .WORD  DOCOL
6830  B2D7  77 8E          .WORD  PDOTQ
6831  B2D9  1A 55 6E          .BYTE  26,'Undefined execution vector'
        B2DC  64 65 66
        B2DF  69 6E 65
        B2E2  64 20 65
        B2E5  78 65 63
        B2E8  75 74 69
        B2EB  6F 6E 20
        B2EE  76 65 63
        B2F1  74 6F 72
6832  B2F4  EE 85          .WORD  EXIT
6833
6834                                     ;          M13
6835
6836  B2F6  83 4D 31  LB2F6  .BYTE  $83,'M1',$B3
        B2F9  B3
6837  B2FA  CF B2          .WORD  LB2CF
6838  B2FC  18 89          M13  .WORD  DOCOL
6839  B2FE  77 8E          .WORD  PDOTQ
6840  B300  0F 42 72          .BYTE  15,'Branch too long'
        B303  61 6E 63
        B306  68 20 74
        B309  6F 6F 20
        B30C  6C 6F 6E
        B30F  67

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6841 B310 EE 85 .WORD EXIT
6842
6843 ; M14
6844
6845 B312 83 4D 31 LB312 .BYTE $83,'M1',$B4
      B315 B4
6846 B316 F6 B2 .WORD LB2F6
6847 B318 18 89 M14 .WORD DOCOL
6848 B31A 77 8E .WORD PDOTQ
6849 B31C 1C 49 6E .BYTE 28,'Incorrect CURRENT vocabulary'
      B31F 63 6F 72
      B322 72 65 63
      B325 74 20 43
      B328 55 52 52
      B32B 45 4E 54
      B32E 20 76 6F
      B331 63 61 62
      B334 75 6C 61
      B337 72 79
6850 B339 EE 85 .WORD EXIT
6851
6852 ; M15
6853
6854 B33B 83 4D 31 LB33B .BYTE $83,'M1',$B5
      B33E B5
6855 B33F 12 B3 .WORD LB312
6856 B341 18 89 M15 .WORD DOCOL
6857 B343 77 8E .WORD PDOTQ
6858 B345 01 20 .BYTE 1,' '
6859 B347 EE 85 .WORD EXIT
6860
6861 ; M16
6862
6863 B349 83 4D 31 LB349 .BYTE $83,'M1',$B6
      B34C B6
6864 B34D 3B B3 .WORD LB33B
6865 B34F 18 89 M16 .WORD DOCOL
6866 B351 77 8E .WORD PDOTQ
6867 B353 01 20 .BYTE 1,' '
6868 B355 EE 85 .WORD EXIT
6869
6870 ; M17
6871
6872 B357 83 4D 31 LB357 .BYTE $83,'M1',$B7
      B35A B7
6873 B35B 49 B3 .WORD LB349
6874 B35D 18 89 M17 .WORD DOCOL
6875 B35F 77 8E .WORD PDOTQ
6876 B361 10 43 6F .BYTE 16,'Compilation only'
      B364 6D 70 69
      B367 6C 61 74
      B36A 69 6F 6E
      B36D 20 6F 6E
      B370 6C 79
6877 B372 EE 85 .WORD EXIT
6878
6879 ; M18
6880
6881 B374 83 4D 31 LB374 .BYTE $83,'M1',$B8
      B377 B8
6882 B378 57 B3 .WORD LB357
6883 B37A 18 89 M18 .WORD DOCOL
6884 B37C 77 8E .WORD PDOTQ
6885 B37E 0E 45 78 .BYTE 14,'Execution only'
      B381 65 63 75
      B384 74 69 6F

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	B387	6E	20	6F			
	B38A	6E	6C	79			
6886	B38D	EE	85		.WORD	EXIT	
6887							
6888							
6889							
6890	B38F	83	4D	31	LB38F	.BYTE	\$83,'M1',\$B9
	B392	B9					
6891	B393	74	B3			.WORD	LB374
6892	B395	18	89		M19	.WORD	DOCOL
6893	B397	77	8E			.WORD	PDOTQ
6894	B399	17	43	6F		.BYTE	23,'Conditionals not paired'
	B39C	6E	64	69			
	B39F	74	69	6F			
	B3A2	6E	61	6C			
	B3A5	73	20	6E			
	B3A8	6F	74	20			
	B3AB	70	61	69			
	B3AE	72	65	64			
6895	B3B1	EE	85		.WORD	EXIT	
6896							
6897							
6898							
6899	B3B3	83	4D	32	LB3B3	.BYTE	\$83,'M2',\$B0
	B3B6	B0					
6900	B3B7	8F	B3			.WORD	LB38F
6901	B3B9	18	89		M20	.WORD	DOCOL
6902	B3BB	77	8E			.WORD	PDOTQ
6903	B3BD	17	44	65		.BYTE	23,'Definition not finished'
	B3C0	66	69	6E			
	B3C3	69	74	69			
	B3C6	6F	6E	20			
	B3C9	6E	6F	74			
	B3CC	20	66	69			
	B3CF	6E	69	73			
	B3D2	68	65	64			
6904	B3D5	EE	85		.WORD	EXIT	
6905							
6906							
6907							
6908	B3D7	83	4D	32	LB3D7	.BYTE	\$83,'M2',\$B1
	B3DA	B1					
6909	B3DB	B3	B3			.WORD	LB3B3
6910	B3DD	18	89		M21	.WORD	DOCOL
6911	B3DF	77	8E			.WORD	PDOTQ
6912	B3E1	17	49	6E		.BYTE	23,'In protected dictionary'
	B3E4	20	70	72			
	B3E7	6F	74	65			
	B3EA	63	74	65			
	B3ED	64	20	64			
	B3F0	69	63	74			
	B3F3	69	6F	6E			
	B3F6	61	72	79			
6913	B3F9	EE	85		.WORD	EXIT	
6914							
6915							
6916							
6917	B3FB	83	4D	32	LB3FB	.BYTE	\$83,'M2',\$B2
	B3FE	B2					
6918	B3FF	D7	B3			.WORD	LB3D7
6919	B401	18	89		M22	.WORD	DOCOL
6920	B403	77	8E			.WORD	PDOTQ
6921	B405	15	55	73		.BYTE	21,'Use only when LOADing'
	B408	65	20	6F			
	B40B	6E	6C	79			
	B40E	20	77	68			

	B411	65	6E	20			
	B414	4C	4F	41			
	B417	44	69	6E			
	B41A	67					
6922	B41B	EE	85		.WORD	EXIT	
6923							
6924					;	M23	
6925							
6926	B41D	83	4D	32	LB41D	.BYTE	\$83,'M2',\$B3
	B420	B3					
6927	B421	FB	B3		.WORD	LB3FB	
6928	B423	18	89		M23	.WORD	DOCOL
6929	B425	77	8E		.WORD	PDOTQ	
6930	B427	1A	4F	66	.BYTE	26,'Off current editing screen'	
	B42A	66	20	63			
	B42D	75	72	72			
	B430	65	6E	74			
	B433	20	65	64			
	B436	69	74	69			
	B439	6E	67	20			
	B43C	73	63	72			
	B43F	65	65	6E			
6931	B442	EE	85		.WORD	EXIT	
6932							
6933					;	M24	
6934							
6935	B444	83	4D	32	LB444	.BYTE	\$83,'M2',\$B4
	B447	B4					
6936	B448	1D	B4		.WORD	LB41D	
6937	B44A	18	89		M24	.WORD	DOCOL
6938	B44C	77	8E		.WORD	PDOTQ	
6939	B44E	19	4E	4F	.BYTE	25,'NOT in CURRENT vocabulary'	
	B451	54	20	69			
	B454	6E	20	43			
	B457	55	52	52			
	B45A	45	4E	54			
	B45D	20	76	6F			
	B460	63	61	62			
	B463	75	6C	61			
	B466	72	79				
6940	B468	EE	85		.WORD	EXIT	
6941							
6942					;	M25	
6943							
6944	B46A	83	4D	32	LB46A	.BYTE	\$83,'M2',\$B5
	B46D	B5					
6945	B46E	44	B4		.WORD	LB444	
6946	B470	18	89		M25	.WORD	DOCOL
6947	B472	77	8E		.WORD	PDOTQ	
6948	B474	07	4E	6F	.BYTE	7,'No room'	
	B477	20	72	6F			
	B47A	6F	6D				
6949	B47C	EE	85		.WORD	EXIT	
6950							
6951	B47E	01	00		LB47E	.WORD	1
6952	B480	0B	53	74	.BYTE	11,'Stack empty'	
	B483	61	63	6B			
	B486	20	65	6D			
	B489	70	74	79			
6953	B48C	0F	44	69	.BYTE	15,'Dictionary full'	
	B48F	63	74	69			
	B492	6F	6E	61			
	B495	72	79	20			
	B498	66	75	6C			
	B49B	6C					
6954	B49C	1A	48	61	.BYTE	26,'Has incorrect address mode'	

	B49F	73	20	69	
	B4A2	6E	63	6F	
	B4A5	72	72	65	
	B4A8	63	74	20	
	B4AB	61	64	64	
	B4AE	72	65	73	
	B4B1	73	20	6D	
	B4B4	6F	64	65	
6955	B4B7	0C	49	73	.BYTE 12,'Isn',\$27,'t unique'
	B4BA	6E	27	74	
	B4BD	20	75	6E	
	B4C0	69	71	75	
	B4C3	65			
6956	B4C4	1D	50	61	.BYTE 29,'Parameter outside valid range'
	B4C7	72	61	6D	
	B4CA	65	74	65	
	B4CD	72	20	6F	
	B4D0	75	74	73	
	B4D3	69	64	65	
	B4D6	20	76	61	
	B4D9	6C	69	64	
	B4DC	20	72	61	
	B4DF	6E	67	65	
6957	B4E2	1A	53	63	.BYTE 26,'Screen number out of range'
	B4E5	72	65	65	
	B4E8	6E	20	6E	
	B4EB	75	6D	62	
	B4EE	65	72	20	
	B4F1	6F	75	74	
	B4F4	20	6F	66	
	B4F7	20	72	61	
	B4FA	6E	67	65	
6958	B4FD	0A	53	74	.BYTE 10,'Stack full'
	B500	61	63	6B	
	B503	20	66	75	
	B506	6C	6C		
6959	B508	19	43	61	.BYTE 25,'Can',\$27,'t open or extend file'
	B50B	6E	27	74	
	B50E	20	6F	70	
	B511	65	6E	20	
	B514	6F	72	20	
	B517	65	78	74	
	B51A	65	6E	64	
	B51D	20	66	69	
	B520	6C	65		
6960	B522	18	52	65	.BYTE 24,'Read/Write not completed'
	B525	61	64	2F	
	B528	57	72	69	
	B52B	74	65	20	
	B52E	6E	6F	74	
	B531	20	63	6F	
	B534	6D	70	6C	
	B537	65	74	65	
	B53A	64			
6961	B53B	1A	43	61	.BYTE 26,'Can',\$27,'t redefine end-of-line'
	B53E	6E	27	74	
	B541	20	72	65	
	B544	64	65	66	
	B547	69	6E	65	
	B54A	20	65	6E	
	B54D	64	2D	6F	
	B550	66	2D	6C	
	B553	69	6E	65	
6962	B556	14	43	61	.BYTE 20,'Can',\$27,'t divide by zero'
	B559	6E	27	74	
	B55C	20	64	69	

	B55F	76	69	64		
	B562	65	20	62		
	B565	79	20	7A		
	B568	65	72	6F		
6963	B56B	1A	55	6E	.BYTE	26, 'Undefined execution vector'
	B56E	64	65	66		
	B571	69	6E	65		
	B574	64	20	65		
	B577	78	65	63		
	B57A	75	74	69		
	B57D	6F	6E	20		
	B580	76	65	63		
	B583	74	6F	72		
6964	B586	0F	42	72	.BYTE	15, 'Branch too long'
	B589	61	6E	63		
	B58C	68	20	74		
	B58F	6F	6F	20		
	B592	6C	6F	6E		
	B595	67				
6965	B596	1C	49	6E	.BYTE	28, 'Incorrect CURRENT vocabulary'
	B599	63	6F	72		
	B59C	72	65	63		
	B59F	74	20	43		
	B5A2	55	52	52		
	B5A5	45	4E	54		
	B5A8	20	76	6F		
	B5AB	63	61	62		
	B5AE	75	6C	61		
	B5B1	72	79			
6966	B5B3	01	20		.BYTE	1, ' '
6967	B5B5	01	20		.BYTE	1, ' '
6968	B5B7	10	43	6F	.BYTE	16, 'Compilation only'
	B5BA	6D	70	69		
	B5BD	6C	61	74		
	B5C0	69	6F	6E		
	B5C3	20	6F	6E		
	B5C6	6C	79			
6969	B5C8	0E	45	78	.BYTE	14, 'Execution only'
	B5CB	65	63	75		
	B5CE	74	69	6F		
	B5D1	6E	20	6F		
	B5D4	6E	6C	79		
6970	B5D7	17	43	6F	.BYTE	23, 'Conditionals not paired'
	B5DA	6E	64	69		
	B5DD	74	69	6F		
	B5E0	6E	61	6C		
	B5E3	73	20	6E		
	B5E6	6F	74	20		
	B5E9	70	61	69		
	B5EC	72	65	64		
6971	B5EF	17	44	65	.BYTE	23, 'Definition not finished'
	B5F2	66	69	6E		
	B5F5	69	74	69		
	B5F8	6F	6E	20		
	B5FB	6E	6F	74		
	B5FE	20	66	69		
	B601	6E	69	73		
	B604	68	65	64		
6972	B607	17	49	6E	.BYTE	23, 'In protected dictionary'
	B60A	20	70	72		
	B60D	6F	74	65		
	B610	63	74	65		
	B613	64	20	64		
	B616	69	63	74		
	B619	69	6F	6E		
	B61C	61	72	79		

6973	B61F	15 55 73		.BYTE	21, 'Use only when LOADing'
	B622	65 20 6F			
	B625	6E 6C 79			
	B628	20 77 68			
	B62B	65 6E 20			
	B62E	4C 4F 41			
	B631	44 69 6E			
	B634	67			
6974	B635	1A 4F 66		.BYTE	26, 'Off current editing screen'
	B638	66 20 63			
	B63B	75 72 72			
	B63E	65 6E 74			
	B641	20 65 64			
	B644	69 74 69			
	B647	6E 67 20			
	B64A	73 63 72			
	B64D	65 65 6E			
6975	B650	19 4E 4F		.BYTE	25, 'NOT in CURRENT vocabulary'
	B653	54 20 69			
	B656	6E 20 43			
	B659	55 52 52			
	B65C	45 4E 54			
	B65F	20 76 6F			
	B662	63 61 62			
	B665	75 6C 61			
	B668	72 79			
6976	B66A	07 4E 6F		.BYTE	7, 'No room'
	B66D	20 72 6F			
	B670	6F 6D			
6977					
6978	B672		TOPDP	=	* ; TOP OF DICTIONARY
6979					
6980	B672	FF FF FF		.BYTE	\$FF, \$FF, \$FF, \$FF, \$FF, \$FF
	B675	FF FF FF			
6981	B678	FF FF FF		.BYTE	\$FF, \$FF, \$FF, \$FF, \$FF, \$FF, \$FF, \$FF
	B67B	FF FF FF			
	B67E	FF FF			
6982	B680	FF FF FF		.BYTE	\$FF, \$FF, \$FF, \$FF, \$FF, \$FF, \$FF, \$FF
	B683	FF FF FF			
	B686	FF FF			
6983	B688	FF FF FF		.BYTE	\$FF, \$FF, \$FF, \$FF, \$FF, \$FF, \$FF, \$FF
	B68B	FF FF FF			
	B68E	FF FF			
6984	B690	FF FF FF		.BYTE	\$FF, \$FF, \$FF, \$FF, \$FF, \$FF, \$FF, \$FF
	B693	FF FF FF			
	B696	FF FF			
6985	B698	FF FF FF		.BYTE	\$FF, \$FF, \$FF, \$FF, \$FF, \$FF, \$FF, \$FF
	B69B	FF FF FF			
	B69E	FF FF			
6986	B6A0	FF FF FF		.BYTE	\$FF, \$FF, \$FF, \$FF, \$FF, \$FF, \$FF, \$FF
	B6A3	FF FF FF			
	B6A6	FF FF			
6987	B6A8	FF FF FF		.BYTE	\$FF, \$FF, \$FF, \$FF, \$FF, \$FF, \$FF, \$FF
	B6AB	FF FF FF			
	B6AE	FF FF			
6988	B6B0	FF FF FF		.BYTE	\$FF, \$FF, \$FF, \$FF, \$FF, \$FF, \$FF, \$FF
	B6B3	FF FF FF			
	B6B6	FF FF			
6989	B6B8	FF FF FF		.BYTE	\$FF, \$FF, \$FF, \$FF, \$FF, \$FF, \$FF, \$FF
	B6BB	FF FF FF			
	B6BE	FF FF			
6990	B6C0	FF FF FF		.BYTE	\$FF, \$FF, \$FF, \$FF, \$FF, \$FF, \$FF, \$FF
	B6C3	FF FF FF			
	B6C6	FF FF			
6991	B6C8	FF FF FF		.BYTE	\$FF, \$FF, \$FF, \$FF, \$FF, \$FF, \$FF, \$FF
	B6CB	FF FF FF			

	B6CE	FF	FF			
6992	B6D0	FF	FF	FF	.BYTE	\$FF,\$FF,\$FF,\$FF,\$FF,\$FF,\$FF,\$FF
	B6D3	FF	FF	FF		
	B6D6	FF	FF			
6993	B6D8	FF	FF	FF	.BYTE	\$FF,\$FF,\$FF,\$FF,\$FF,\$FF,\$FF,\$FF
	B6DB	FF	FF	FF		
	B6DE	FF	FF			
6994	B6E0	FF	FF	FF	.BYTE	\$FF,\$FF,\$FF,\$FF,\$FF,\$FF,\$FF,\$FF
	B6E3	FF	FF	FF		
	B6E6	FF	FF			
6995	B6E8	FF	FF	FF	.BYTE	\$FF,\$FF,\$FF,\$FF,\$FF,\$FF,\$FF,\$FF
	B6EB	FF	FF	FF		
	B6EE	FF	FF			
6996	B6F0	FF	FF	FF	.BYTE	\$FF,\$FF,\$FF,\$FF,\$FF,\$FF,\$FF,\$FF
	B6F3	FF	FF	FF		
	B6F6	FF	FF			
6997	B6F8	FF	FF	FF	.BYTE	\$FF,\$FF,\$FF,\$FF,\$FF,\$FF,\$FF,\$FF
	B6FB	FF	FF	FF		
	B6FE	FF	FF			
6998						
6999	B700	78	00	00	LB700 .BYTE	\$78,0,0,0,0,0,0,0
	B703	00	00	00		
	B706	00	00			
7000	B708	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B70B	00	00	00		
	B70E	00	00			
7001	B710	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B713	00	00	00		
	B716	00	00			
7002	B718	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B71B	00	00	00		
	B71E	00	00			
7003	B720	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B723	00	00	00		
	B726	00	00			
7004	B728	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B72B	00	00	00		
	B72E	00	00			
7005	B730	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B733	00	00	00		
	B736	00	00			
7006	B738	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B73B	00	00	00		
	B73E	00	00			
7007	B740	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B743	00	00	00		
	B746	00	00			
7008	B748	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B74B	00	00	00		
	B74E	00	00			
7009	B750	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B753	00	00	00		
	B756	00	00			
7010	B758	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B75B	00	00	00		
	B75E	00	00			
7011	B760	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B763	00	00	00		
	B766	00	00			
7012	B768	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B76B	00	00	00		
	B76E	00	00			
7013	B770	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B773	00	00	00		
	B776	00	00			
7014	B778	00	00	00	.BYTE	0,0,0,0,0,0,0,0

	B77B	00	00	00		
	B77E	00	00			
7015	B780	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B783	00	00	00		
	B786	00	00			
7016	B788	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B78B	00	00	00		
	B78E	00	00			
7017	B790	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B793	00	00	00		
	B796	00	00			
7018	B798	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B79B	00	00	00		
	B79E	00	00			
7019	B7A0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B7A3	00	00	00		
	B7A6	00	00			
7020	B7A8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B7AB	00	00	00		
	B7AE	00	00			
7021	B7B0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B7B3	00	00	00		
	B7B6	00	00			
7022	B7B8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B7BB	00	00	00		
	B7BE	00	00			
7023	B7C0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B7C3	00	00	00		
	B7C6	00	00			
7024	B7C8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B7CB	00	00	00		
	B7CE	00	00			
7025	B7D0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B7D3	00	00	00		
	B7D6	00	00			
7026	B7D8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B7DB	00	00	00		
	B7DE	00	00			
7027	B7E0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B7E3	00	00	00		
	B7E6	00	00			
7028	B7E8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B7EB	00	00	00		
	B7EE	00	00			
7029	B7F0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B7F3	00	00	00		
	B7F6	00	00			
7030	B7F8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B7FB	00	00	00		
	B7FE	00	00			
7031	B800	78	00	00	LB800 .BYTE	\$78,0,0,0,0,0,0,0
	B803	00	00	00		
	B806	00	00			
7032	B808	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B80B	00	00	00		
	B80E	00	00			
7033	B810	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B813	00	00	00		
	B816	00	00			
7034	B818	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B81B	00	00	00		
	B81E	00	00			
7035	B820	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B823	00	00	00		
	B826	00	00			
7036	B828	00	00	00	.BYTE	0,0,0,0,0,0,0,0

	B82B	00	00	00		
	B82E	00	00			
7037	B830	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B833	00	00	00		
	B836	00	00			
7038	B838	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B83B	00	00	00		
	B83E	00	00			
7039	B840	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B843	00	00	00		
	B846	00	00			
7040	B848	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B84B	00	00	00		
	B84E	00	00			
7041	B850	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B853	00	00	00		
	B856	00	00			
7042	B858	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B85B	00	00	00		
	B85E	00	00			
7043	B860	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B863	00	00	00		
	B866	00	00			
7044	B868	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B86B	00	00	00		
	B86E	00	00			
7045	B870	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B873	00	00	00		
	B876	00	00			
7046	B878	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B87B	00	00	00		
	B87E	00	00			
7047	B880	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B883	00	00	00		
	B886	00	00			
7048	B888	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B88B	00	00	00		
	B88E	00	00			
7049	B890	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B893	00	00	00		
	B896	00	00			
7050	B898	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B89B	00	00	00		
	B89E	00	00			
7051	B8A0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B8A3	00	00	00		
	B8A6	00	00			
7052	B8A8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B8AB	00	00	00		
	B8AE	00	00			
7053	B8B0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B8B3	00	00	00		
	B8B6	00	00			
7054	B8B8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B8BB	00	00	00		
	B8BE	00	00			
7055	B8C0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B8C3	00	00	00		
	B8C6	00	00			
7056	B8C8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B8CB	00	00	00		
	B8CE	00	00			
7057	B8D0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B8D3	00	00	00		
	B8D6	00	00			
7058	B8D8	00	00	00	.BYTE	0,0,0,0,0,0,0,0

	B8DB	00	00	00		
	B8DE	00	00			
7059	B8E0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B8E3	00	00	00		
	B8E6	00	00			
7060	B8E8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B8EB	00	00	00		
	B8EE	00	00			
7061	B8F0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B8F3	00	00	00		
	B8F6	00	00			
7062	B8F8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B8FB	00	00	00		
	B8FE	00	00			
7063	B900	78	00	00	LB900 .BYTE	\$78,0,0,0,0,0,0,0
	B903	00	00	00		
	B906	00	00			
7064	B908	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B90B	00	00	00		
	B90E	00	00			
7065	B910	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B913	00	00	00		
	B916	00	00			
7066	B918	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B91B	00	00	00		
	B91E	00	00			
7067	B920	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B923	00	00	00		
	B926	00	00			
7068	B928	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B92B	00	00	00		
	B92E	00	00			
7069	B930	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B933	00	00	00		
	B936	00	00			
7070	B938	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B93B	00	00	00		
	B93E	00	00			
7071	B940	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B943	00	00	00		
	B946	00	00			
7072	B948	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B94B	00	00	00		
	B94E	00	00			
7073	B950	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B953	00	00	00		
	B956	00	00			
7074	B958	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B95B	00	00	00		
	B95E	00	00			
7075	B960	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B963	00	00	00		
	B966	00	00			
7076	B968	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B96B	00	00	00		
	B96E	00	00			
7077	B970	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B973	00	00	00		
	B976	00	00			
7078	B978	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B97B	00	00	00		
	B97E	00	00			
7079	B980	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	B983	00	00	00		
	B986	00	00			
7080	B988	00	00	00	.BYTE	0,0,0,0,0,0,0,0

	B98B	00 00 00		
	B98E	00 00		
7081	B990	00 00 00	.BYTE	0,0,0,0,0,0,0,0
	B993	00 00 00		
	B996	00 00		
7082	B998	00 00 00	.BYTE	0,0,0,0,0,0,0,0
	B99B	00 00 00		
	B99E	00 00		
7083	B9A0	00 00 00	.BYTE	0,0,0,0,0,0,0,0
	B9A3	00 00 00		
	B9A6	00 00		
7084	B9A8	00 00 00	.BYTE	0,0,0,0,0,0,0,0
	B9AB	00 00 00		
	B9AE	00 00		
7085	B9B0	00 00 00	.BYTE	0,0,0,0,0,0,0,0
	B9B3	00 00 00		
	B9B6	00 00		
7086	B9B8	00 00 00	.BYTE	0,0,0,0,0,0,0,0
	B9BB	00 00 00		
	B9BE	00 00		
7087	B9C0	00 00 00	.BYTE	0,0,0,0,0,0,0,0
	B9C3	00 00 00		
	B9C6	00 00		
7088	B9C8	00 00 00	.BYTE	0,0,0,0,0,0,0,0
	B9CB	00 00 00		
	B9CE	00 00		
7089	B9D0	00 00 00	.BYTE	0,0,0,0,0,0,0,0
	B9D3	00 00 00		
	B9D6	00 00		
7090	B9D8	00 00 00	.BYTE	0,0,0,0,0,0,0,0
	B9DB	00 00 00		
	B9DE	00 00		
7091	B9E0	00 00 00	.BYTE	0,0,0,0,0,0,0,0
	B9E3	00 00 00		
	B9E6	00 00		
7092	B9E8	00 00 00	.BYTE	0,0,0,0,0,0,0,0
	B9EB	00 00 00		
	B9EE	00 00		
7093	B9F0	00 00 00	.BYTE	0,0,0,0,0,0,0,0
	B9F3	00 00 00		
	B9F6	00 00		
7094	B9F8	00 00 00	.BYTE	0,0,0,0,0,0,0,0
	B9FB	00 00 00		
	B9FE	00 00		
7095	BA00	78 00 00	LBA00 .BYTE	\$78,0,0,0,0,0,0,0
	BA03	00 00 00		
	BA06	00 00		
7096	BA08	00 00 00	.BYTE	0,0,0,0,0,0,0,0
	BA0B	00 00 00		
	BA0E	00 00		
7097	BA10	00 00 00	.BYTE	0,0,0,0,0,0,0,0
	BA13	00 00 00		
	BA16	00 00		
7098	BA18	00 00 00	.BYTE	0,0,0,0,0,0,0,0
	BA1B	00 00 00		
	BA1E	00 00		
7099	BA20	00 00 00	.BYTE	0,0,0,0,0,0,0,0
	BA23	00 00 00		
	BA26	00 00		
7100	BA28	00 00 00	.BYTE	0,0,0,0,0,0,0,0
	BA2B	00 00 00		
	BA2E	00 00		
7101	BA30	00 00 00	.BYTE	0,0,0,0,0,0,0,0
	BA33	00 00 00		
	BA36	00 00		
7102	BA38	00 00 00	.BYTE	0,0,0,0,0,0,0,0

	BA3B	00	00	00		
	BA3E	00	00			
7103	BA40	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BA43	00	00	00		
	BA46	00	00			
7104	BA48	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BA4B	00	00	00		
	BA4E	00	00			
7105	BA50	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BA53	00	00	00		
	BA56	00	00			
7106	BA58	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BA5B	00	00	00		
	BA5E	00	00			
7107	BA60	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BA63	00	00	00		
	BA66	00	00			
7108	BA68	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BA6B	00	00	00		
	BA6E	00	00			
7109	BA70	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BA73	00	00	00		
	BA76	00	00			
7110	BA78	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BA7B	00	00	00		
	BA7E	00	00			
7111	BA80	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BA83	00	00	00		
	BA86	00	00			
7112	BA88	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BA8B	00	00	00		
	BA8E	00	00			
7113	BA90	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BA93	00	00	00		
	BA96	00	00			
7114	BA98	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BA9B	00	00	00		
	BA9E	00	00			
7115	BAA0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BAA3	00	00	00		
	BAA6	00	00			
7116	BAA8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BAAB	00	00	00		
	BAAE	00	00			
7117	BAB0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BAB3	00	00	00		
	BAB6	00	00			
7118	BAB8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BABB	00	00	00		
	BABE	00	00			
7119	BAC0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BAC3	00	00	00		
	BAC6	00	00			
7120	BAC8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BACB	00	00	00		
	BACE	00	00			
7121	BAD0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BAD3	00	00	00		
	BAD6	00	00			
7122	BAD8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BADB	00	00	00		
	BADE	00	00			
7123	BAE0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BAE3	00	00	00		
	BAE6	00	00			
7124	BAE8	00	00	00	.BYTE	0,0,0,0,0,0,0,0

	BAEB	00	00	00		
	BAEE	00	00			
7125	BAF0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BAF3	00	00	00		
	BAF6	00	00			
7126	BAF8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BAFB	00	00	00		
	BAFE	00	00			
7127	BB00	78	00	00	LBB00 .BYTE	\$78,0,0,0,0,0,0,0
	BB03	00	00	00		
	BB06	00	00			
7128	BB08	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BB0B	00	00	00		
	BB0E	00	00			
7129	BB10	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BB13	00	00	00		
	BB16	00	00			
7130	BB18	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BB1B	00	00	00		
	BB1E	00	00			
7131	BB20	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BB23	00	00	00		
	BB26	00	00			
7132	BB28	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BB2B	00	00	00		
	BB2E	00	00			
7133	BB30	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BB33	00	00	00		
	BB36	00	00			
7134	BB38	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BB3B	00	00	00		
	BB3E	00	00			
7135	BB40	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BB43	00	00	00		
	BB46	00	00			
7136	BB48	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BB4B	00	00	00		
	BB4E	00	00			
7137	BB50	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BB53	00	00	00		
	BB56	00	00			
7138	BB58	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BB5B	00	00	00		
	BB5E	00	00			
7139	BB60	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BB63	00	00	00		
	BB66	00	00			
7140	BB68	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BB6B	00	00	00		
	BB6E	00	00			
7141	BB70	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BB73	00	00	00		
	BB76	00	00			
7142	BB78	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BB7B	00	00	00		
	BB7E	00	00			
7143	BB80	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BB83	00	00	00		
	BB86	00	00			
7144	BB88	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BB8B	00	00	00		
	BB8E	00	00			
7145	BB90	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BB93	00	00	00		
	BB96	00	00			
7146	BB98	00	00	00	.BYTE	0,0,0,0,0,0,0,0

	BB9B	00	00	00		
	BB9E	00	00			
7147	BBA0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BBA3	00	00	00		
	BBA6	00	00			
7148	BBA8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BBAB	00	00	00		
	BBAE	00	00			
7149	BBB0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BBB3	00	00	00		
	BBB6	00	00			
7150	BBB8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BBBB	00	00	00		
	BBBE	00	00			
7151	BBC0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BBC3	00	00	00		
	BBC6	00	00			
7152	BBC8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BBCB	00	00	00		
	BBCE	00	00			
7153	BBD0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BBD3	00	00	00		
	BBD6	00	00			
7154	BBD8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BBDB	00	00	00		
	BBDE	00	00			
7155	BBE0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BBE3	00	00	00		
	BBE6	00	00			
7156	BBE8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BBEB	00	00	00		
	BBEE	00	00			
7157	BBF0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BBF3	00	00	00		
	BBF6	00	00			
7158	BBF8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BBFB	00	00	00		
	BBFE	00	00			
7159	BC00	78	00	00	LBC00 .BYTE	\$78,0,0,0,0,0,0,0
	BC03	00	00	00		
	BC06	00	00			
7160	BC08	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BC0B	00	00	00		
	BC0E	00	00			
7161	BC10	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BC13	00	00	00		
	BC16	00	00			
7162	BC18	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BC1B	00	00	00		
	BC1E	00	00			
7163	BC20	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BC23	00	00	00		
	BC26	00	00			
7164	BC28	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BC2B	00	00	00		
	BC2E	00	00			
7165	BC30	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BC33	00	00	00		
	BC36	00	00			
7166	BC38	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BC3B	00	00	00		
	BC3E	00	00			
7167	BC40	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BC43	00	00	00		
	BC46	00	00			
7168	BC48	00	00	00	.BYTE	0,0,0,0,0,0,0,0

	BC4B	00	00	00		
	BC4E	00	00			
7169	BC50	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BC53	00	00	00		
	BC56	00	00			
7170	BC58	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BC5B	00	00	00		
	BC5E	00	00			
7171	BC60	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BC63	00	00	00		
	BC66	00	00			
7172	BC68	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BC6B	00	00	00		
	BC6E	00	00			
7173	BC70	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BC73	00	00	00		
	BC76	00	00			
7174	BC78	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BC7B	00	00	00		
	BC7E	00	00			
7175	BC80	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BC83	00	00	00		
	BC86	00	00			
7176	BC88	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BC8B	00	00	00		
	BC8E	00	00			
7177	BC90	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BC93	00	00	00		
	BC96	00	00			
7178	BC98	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BC9B	00	00	00		
	BC9E	00	00			
7179	BCA0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BCA3	00	00	00		
	BCA6	00	00			
7180	BCA8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BCAB	00	00	00		
	BCAE	00	00			
7181	BCB0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BCB3	00	00	00		
	BCB6	00	00			
7182	BCB8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BCBB	00	00	00		
	BCBE	00	00			
7183	BCC0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BCC3	00	00	00		
	BCC6	00	00			
7184	BCC8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BCCB	00	00	00		
	BCCE	00	00			
7185	BCD0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BCD3	00	00	00		
	BCD6	00	00			
7186	BCD8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BCDB	00	00	00		
	BCDE	00	00			
7187	BCE0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BCE3	00	00	00		
	BCE6	00	00			
7188	BCE8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BCEB	00	00	00		
	BCEE	00	00			
7189	BCF0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BCF3	00	00	00		
	BCF6	00	00			
7190	BCF8	00	00	00	.BYTE	0,0,0,0,0,0,0,0

	BCFB	00	00	00			
	BCFE	00	00				
7191	BD00	78	00	00	LBD00	.BYTE	\$78,0,0,0,0,0,0,0,0
	BD03	00	00	00			
	BD06	00	00				
7192	BD08	00	00	00		.BYTE	0,0,0,0,0,0,0,0
	BD0B	00	00	00			
	BD0E	00	00				
7193	BD10	00	00	00		.BYTE	0,0,0,0,0,0,0,0
	BD13	00	00	00			
	BD16	00	00				
7194	BD18	00	00	00		.BYTE	0,0,0,0,0,0,0,0
	BD1B	00	00	00			
	BD1E	00	00				
7195	BD20	00	00	00		.BYTE	0,0,0,0,0,0,0,0
	BD23	00	00	00			
	BD26	00	00				
7196	BD28	00	00	00		.BYTE	0,0,0,0,0,0,0,0
	BD2B	00	00	00			
	BD2E	00	00				
7197	BD30	00	00	00		.BYTE	0,0,0,0,0,0,0,0
	BD33	00	00	00			
	BD36	00	00				
7198	BD38	00	00	00		.BYTE	0,0,0,0,0,0,0,0
	BD3B	00	00	00			
	BD3E	00	00				
7199	BD40	00	00	00		.BYTE	0,0,0,0,0,0,0,0
	BD43	00	00	00			
	BD46	00	00				
7200	BD48	00	00	00		.BYTE	0,0,0,0,0,0,0,0
	BD4B	00	00	00			
	BD4E	00	00				
7201	BD50	00	00	00		.BYTE	0,0,0,0,0,0,0,0
	BD53	00	00	00			
	BD56	00	00				
7202	BD58	00	00	00		.BYTE	0,0,0,0,0,0,0,0
	BD5B	00	00	00			
	BD5E	00	00				
7203	BD60	00	00	00		.BYTE	0,0,0,0,0,0,0,0
	BD63	00	00	00			
	BD66	00	00				
7204	BD68	00	00	00		.BYTE	0,0,0,0,0,0,0,0
	BD6B	00	00	00			
	BD6E	00	00				
7205	BD70	00	00	00		.BYTE	0,0,0,0,0,0,0,0
	BD73	00	00	00			
	BD76	00	00				
7206	BD78	00	00	00		.BYTE	0,0,0,0,0,0,0,0
	BD7B	00	00	00			
	BD7E	00	00				
7207	BD80	00	00	00		.BYTE	0,0,0,0,0,0,0,0
	BD83	00	00	00			
	BD86	00	00				
7208	BD88	00	00	00		.BYTE	0,0,0,0,0,0,0,0
	BD8B	00	00	00			
	BD8E	00	00				
7209	BD90	00	00	00		.BYTE	0,0,0,0,0,0,0,0
	BD93	00	00	00			
	BD96	00	00				
7210	BD98	00	00	00		.BYTE	0,0,0,0,0,0,0,0
	BD9B	00	00	00			
	BD9E	00	00				
7211	BDA0	00	00	00		.BYTE	0,0,0,0,0,0,0,0
	BDA3	00	00	00			
	BDA6	00	00				
7212	BDA8	00	00	00		.BYTE	0,0,0,0,0,0,0,0

	BDAB	00	00	00		
	BDAE	00	00			
7213	BDB0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BDB3	00	00	00		
	BDB6	00	00			
7214	BDB8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BDBB	00	00	00		
	BDBE	00	00			
7215	BDC0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BDC3	00	00	00		
	BDC6	00	00			
7216	BDC8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BDCB	00	00	00		
	BDCE	00	00			
7217	BDD0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BDD3	00	00	00		
	BDD6	00	00			
7218	BDD8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	Bddb	00	00	00		
	BDDE	00	00			
7219	BDE0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BDE3	00	00	00		
	BDE6	00	00			
7220	BDE8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BDEB	00	00	00		
	BDEE	00	00			
7221	BDF0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BDF3	00	00	00		
	BDF6	00	00			
7222	BDF8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BDFB	00	00	00		
	BDFE	00	00			
7223	BE00	78	00	00	LBE00 .BYTE	\$78,0,0,0,0,0,0,0
	BE03	00	00	00		
	BE06	00	00			
7224	BE08	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BE0B	00	00	00		
	BE0E	00	00			
7225	BE10	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BE13	00	00	00		
	BE16	00	00			
7226	BE18	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BE1B	00	00	00		
	BE1E	00	00			
7227	BE20	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BE23	00	00	00		
	BE26	00	00			
7228	BE28	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BE2B	00	00	00		
	BE2E	00	00			
7229	BE30	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BE33	00	00	00		
	BE36	00	00			
7230	BE38	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BE3B	00	00	00		
	BE3E	00	00			
7231	BE40	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BE43	00	00	00		
	BE46	00	00			
7232	BE48	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BE4B	00	00	00		
	BE4E	00	00			
7233	BE50	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BE53	00	00	00		
	BE56	00	00			
7234	BE58	00	00	00	.BYTE	0,0,0,0,0,0,0,0

	BE5B	00	00	00		
	BE5E	00	00			
7235	BE60	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BE63	00	00	00		
	BE66	00	00			
7236	BE68	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BE6B	00	00	00		
	BE6E	00	00			
7237	BE70	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BE73	00	00	00		
	BE76	00	00			
7238	BE78	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BE7B	00	00	00		
	BE7E	00	00			
7239	BE80	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BE83	00	00	00		
	BE86	00	00			
7240	BE88	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BE8B	00	00	00		
	BE8E	00	00			
7241	BE90	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BE93	00	00	00		
	BE96	00	00			
7242	BE98	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BE9B	00	00	00		
	BE9E	00	00			
7243	BEA0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BEA3	00	00	00		
	BEA6	00	00			
7244	BEA8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BEAB	00	00	00		
	BEAE	00	00			
7245	BEB0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BEB3	00	00	00		
	BEB6	00	00			
7246	BEB8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BEBB	00	00	00		
	BEBC	00	00			
7247	BEC0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BEC3	00	00	00		
	BEC6	00	00			
7248	BEC8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BECB	00	00	00		
	BECE	00	00			
7249	BED0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BED3	00	00	00		
	BED6	00	00			
7250	BED8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BEDB	00	00	00		
	BEDE	00	00			
7251	BEE0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BEE3	00	00	00		
	BEE6	00	00			
7252	BEE8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BEEB	00	00	00		
	EEEE	00	00			
7253	BEF0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BEF3	00	00	00		
	BEF6	00	00			
7254	BEF8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BEFB	00	00	00		
	BEFE	00	00			
7255	BF00	78	00	00	LBF00 .BYTE	\$78,0,0,0,0,0,0,0
	BF03	00	00	00		
	BF06	00	00			
7256	BF08	00	00	00	.BYTE	0,0,0,0,0,0,0,0

	BF0B	00	00	00		
	BF0E	00	00			
7257	BF10	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BF13	00	00	00		
	BF16	00	00			
7258	BF18	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BF1B	00	00	00		
	BF1E	00	00			
7259	BF20	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BF23	00	00	00		
	BF26	00	00			
7260	BF28	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BF2B	00	00	00		
	BF2E	00	00			
7261	BF30	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BF33	00	00	00		
	BF36	00	00			
7262	BF38	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BF3B	00	00	00		
	BF3E	00	00			
7263	BF40	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BF43	00	00	00		
	BF46	00	00			
7264	BF48	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BF4B	00	00	00		
	BF4E	00	00			
7265	BF50	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BF53	00	00	00		
	BF56	00	00			
7266	BF58	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BF5B	00	00	00		
	BF5E	00	00			
7267	BF60	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BF63	00	00	00		
	BF66	00	00			
7268	BF68	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BF6B	00	00	00		
	BF6E	00	00			
7269	BF70	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BF73	00	00	00		
	BF76	00	00			
7270	BF78	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BF7B	00	00	00		
	BF7E	00	00			
7271	BF80	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BF83	00	00	00		
	BF86	00	00			
7272	BF88	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BF8B	00	00	00		
	BF8E	00	00			
7273	BF90	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BF93	00	00	00		
	BF96	00	00			
7274	BF98	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BF9B	00	00	00		
	BF9E	00	00			
7275	BFA0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BFA3	00	00	00		
	BFA6	00	00			
7276	BFA8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BFAB	00	00	00		
	BFAE	00	00			
7277	BFB0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BFB3	00	00	00		
	BFB6	00	00			
7278	BFB8	00	00	00	.BYTE	0,0,0,0,0,0,0,0

	BFBB	00	00	00		
	BFBE	00	00			
7279	BFC0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BFC3	00	00	00		
	BFC6	00	00			
7280	BFC8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BFCB	00	00	00		
	BFCE	00	00			
7281	BFD0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BFD3	00	00	00		
	BFD6	00	00			
7282	BFD8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BFDB	00	00	00		
	BFDE	00	00			
7283	BFE0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BFE3	00	00	00		
	BFE6	00	00			
7284	BFE8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BFEB	00	00	00		
	BFEE	00	00			
7285	BFF0	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BFF3	00	00	00		
	BFF6	00	00			
7286	BFF8	00	00	00	.BYTE	0,0,0,0,0,0,0,0
	BFFB	00	00	00		
	BFFE	00	00			
7287						
7288	C000				.END	