

Anagrammatic (Model A)

This is a simple anagram jumbler. There are few things more infuriating than staring blankly at crossword" clues, unable to de-jumble the letters. This little program will hopefully get the old brain ticking again with some fresh ideas on how to unscramble the problem.

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10 MODE7
20 PRINTCHR$141;CHR$&83;SPC(12)"ANAGRAMMAT
IC"'CHR$141;CHR$&83;SPC(12)"ANAGRAMMATIC"
30 PRINT'"If you are a crossword solver ,
then youwill know the problems of trying to
rearrange letters."' "Follow the instruct
ions and then sit back and watch the scree
n as every possible combination runs up
before your";
40 PRINT"very eyes.The aim is not to lokk
at every word,but simply glance at the
screen occasionally and you may well getsom
e inspiration."
50 PRINT"'CHR$136" Press any key to
start."
60 X=GET
70 FORI=3TO24:PRINTTAB(0,I)CHR$&84;CHR$157
;CHR$&86;:NEXT:VDU28,3,24,39,3,12,28,3,24,36,
3
80 PRINT'"Enter the letters to be rearran
ged(Max 10) "
90 INPUTTAB(0,4)A$:IFA$=""GOTO90
100 L=LEN(A$)
110 PRINT'"Are any letters/spaces known (Y
/N) "
120 Z$=GET$
130 IFZ$="N" GOTO220
140 IFZ$<>"Y" GOTO120
150 PRINT'"Type in the known order as per
example."' "E.g. '---D-F- -EE'"
160 INPUTTAB(0,15)K$:W=L
170 T=0:FORJ=1 TOLEN(K$):IFMID$(K$,J,1)="-"
T=T+1

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180     FORI=1TOL:IFMID$(K$,J,1)=MID$(A$,I,1)
T=T+1:I=L
190     NEXT
200 NEXTJ:IFT<>L GOSUB390:GOTO160
210 GOTO230
220 K$=STRING$(L,"-")
230 C$="":FORI=1TOLEN(A$)
240     IFMID$(K$,I,1)<>MID$(A$,I,1) C$=C$+MI
D$(A$,I,1)
250 NEXT
260 K=LEN(C$):DIMQ(K)
270 FORI=1TOK:Q(I)=I:NEXT:Q(K)=K-1
280 H=K
290 Q(H)=Q(H)+1:IFQ(H)=K+1 Q(H)=1:H=H-1:GOT
O290
300 IFH=0 GOTO380
310 F=1:FORI=1TOK:FORJ=1TOK:IFQ(J)=Q(I) AND
J<>I F=0
320     NEXT, :IFF=0 GOTO280
330     J=1:PRINTTAB(13);
340     FORH=1TOLEN(K$)
350         IFMID$(K$,H,1)="-" PRINTMID$(C$,Q(J
),1);:J=J+1 ELSE PRINTMID$(K$,H,1);
360     NEXTH:PRINT
370     GOTO280
380     PRINT'"That's all the combinations."
'"Press any key for more":CLEAR:GOTO60
390     PRINT'CHR$136;CHR$&81"ERROR-retype.":
RETURN
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