

Paypackets (Model A)

Anyone who runs a shop or small business will find this program something close to invaluable. It's Friday, you've worked out how much everyone is getting paid and the time has come to make up the wage packets. How many, of what note and what change are you going to need? Well, key this in and all your problems are solved. The program is relatively short, completely reliable and of course you don't have to own a business to use it. It will work with any sum - from thousands of pounds right down to the expenses for the local church fete, or individual prizes for the children's party.

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1 REM *** BBC VERSION ***
2 REM *** PAY PACKETS ***
10 REM PAYPACKETS.....WALWYN
20 REM C$(X)=NAME OF CURRENCY
30 REM CV(X)=CURRENCY VALUE IN POUNDS
40 REM CA(X)=AMOUNT OF UNITS REQUIRED OF T
HIS CURRENCY
50 REM CB(X)=TOTAL AMOUNT OF UNITS REQUIRE
D OF THIS CURRENCY
60 DIM C$(10),CV(10),CA(10),CB(10)
70 FOR J=1 TO 10 : READ C$(J),CV(J)
80 C$(J)=LEFT$(C$(J)+".",21)
: NEXT J
90 DATAONE PENCE,0.01,TWO PENCE,0.02,FIVE
PENCE,0.05
100 DATATEN PENCE,0.1,TWENTY PENCE,0.2,FIFT
Y PENCE,0.5
110 DATAONE POUND,1,FIVE POUND,5,TEN POUND,
10
120 DATATWENTY POUND,20
130 SR=0 : XX=0 : @%=&20209
140 R2$=CHR$(157)+CHR$(129) : R1$=CHR$(157)
+CHR$(135) : R$=CHR$(135)+R2$
150 MODE 7 : VDU 23,1,0;0;0;0;
160 PROCtable
170 PRINT TAB(0,2);R$'R$;"PRESS "R1$"f0 "R
2$"TO INPUT A NEW PAYMENT"
180 PRINT R$'R$;"PRESS "R1$"f1 "R2$"TO GIV
E TOTAL AMOUNT"
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190 PRINT R$'R$;"PRESS "R1$"f9  "R2$"TO CAN
CEL ALL DATA"
200 PRINTR$
210 REPEAT : KEY=0
220     REM CHECK FOR INSTRUCTION KEY
230     XX=0 : SR=1
240     IF INKEY(-33) THEN PROCpacket : KEY=1
250     IF INKEY(-114) THEN XX=1 : KEY=1
260     IF INKEY(-120) THEN RUN
270     UNTIL KEY
280 GOTO 150
290
300 DEF PROCpacket
310 PRINT TAB(0,0);CHR$(134); : INPUT "CASH
AMOUNT IN PACKET ",A$
320 A=VAL(A$):A1=A
330 PRINT CHR$(134); : INPUT "NO OF PACKETS
    ",B$
340 B=VAL(B$):B1=B
350 PROCcalculate
360 ENDPROC
370
380 DEF PROactable
390 AT=0 : PRINT TAB(0,9);CHR$(148);"~~~~~
....."
400 PRINT TAB(0,10);CHR$(134);"CURRENCY"TAB
(15)"NO. OF UNITS"TAB(31)"AMOUNT"
410 FOR J=1 TO 10
420     PRINT C$(J);
430     IF XX=1 THEN C$=STR$(CB(J)) ELSE C$=S
TR$(CA(J))
440     PRINT SPC(4-LEN(C$));C$;
450     IF XX=1 THEN A=CB(J)*CV(J) ELSE A=CA(
J)*CV(J)
460     AT=AT+A
470     PRINT CHR$(130),A
480     NEXT
490 PRINT TAB(28);CHR$(148);"~~~~~"
500 PRINT TAB(20);CHR$(130);"TOTAL:",AT
510 IF SR=0 THEN ENDPROC
520 IF XX=1 THEN PRINT R$"THIS IS THE RUNNI
NG TOTAL" : ENDPROC
530 PRINT CHR$(131);STR$(B1);" x `",A1;
540 PRINTCHR$(131);"THIS IS A SUB-TOTAL";
550 ENDPROC

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68 *Paypackets*

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560
570 DEF PROCcalculate
580 REM CALCULATE CA(X)
590 X=0 : A%=A*100
600 FOR J=10 TO 1 STEP -1
610     CA(J)=0
620     REPEAT
630         IF A%>=CV(J)*100 THEN A%=A%-CV(J)*1
00 : CA(J)=CA(J)+1
640         UNTIL A%<CV(J)*100
650     NEXT J
660 FOR J=1 TO 10 : CA(J)=CA(J)*B : NEXT J
670 FOR J=1 TO 10 : CB(J)=CB(J)+CA(J) : NEX
T
680 ENDPROC
```

