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10 MODE 2:CLS
20 REM *****
30 REM *
40 REM *   INITIALISATION DES VARIABLES.   *
50 REM *
60 REM *****
70 LET FONC=0:LET X=0:LET Y=0
80 LET KB=0:LET OP=0:LET VIR=0
90 LET MEM=0:LET RECALL=0
100 REM *****
110 REM *
120 REM *   DONNEES DES SYMBOLES TOUCHES.   *
130 REM *
140 REM *****
150 DATA "M+","M-","M*", "MC"
160 DATA "Sg","x","y","L","lg"
170 DATA "7","8","9","+","*"
180 DATA "4","5","6","-","/"
190 DATA "1","2","3","x"
200 DATA "Ce","0","=",""/"
210 REM *****
220 REM *
230 REM *   REDEFINITION DES SYMBOLES GRAPHIQUES *
240 REM *
250 REM *****
260 SYMBOL AFTER 127
270 SYMBOL 128,1,3,7,7,7,3,1
280 SYMBOL 129,128,192,224,224,224,192,128
290 SYMBOL 134,255,0,0,0,0,0,0
300 SYMBOL 135,1,2,4,8,16,32,64,128
310 SYMBOL 136,128,128,128,128,128,128,128
320 SYMBOL 137,128,64,32,16,8,4,2,1
330 SYMBOL 138,0,0,0,0,0,0,0,255
340 SYMBOL 139,1,1,1,1,1,1,1,1
350 REM *****
360 REM *
370 REM *   TRACAGE DE LA CALCULETTE.   *
380 REM *
390 REM *****
400 FOR V=0 TO 5
410 FOR H=1 TO 4
420 READ X#
430 LOCATE 6#H,10+(2#V)
440 PEN 1:PAPER 0:PRINT CHR$(128):
450 PEN 0:PAPER 1:PRINT X#
460 PEN 1:PAPER 0:PRINT CHR$(128):
470 NEXT H
480 NEXT V
490 FOR H=6 TO 30
500 LOCATE H,1:PRINT CHR$(134)
510 LOCATE H,21:PRINT CHR$(138)
520 NEXT H
530 FOR V=2 TO 20
540 LOCATE 5,V:PRINT CHR$(136)
550 LOCATE 30,V:PRINT CHR$(139)
560 NEXT V

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570 LOCATE 5,1:PRINT CHR$(135)
580 LOCATE 30,1:PRINT CHR$(137)
590 LOCATE 30,21:PRINT CHR$(135)
600 LOCATE 5,21:PRINT CHR$(137)
610 LOCATE 9,6:PRINT "PROGRAMME"
620 LOCATE 17,8:PRINT "CALCULETTE."
630 FOR H=8 TO 27
640 LOCATE H,2:PRINT CHR$(134)
650 LOCATE H,4:PRINT CHR$(138)
660 NEXT H
670 LOCATE 7,3:PRINT CHR$(136)
680 LOCATE 28,3:PRINT CHR$(138)
690 LOCATE 7,2:PRINT CHR$(135)
700 LOCATE 28,2:PRINT CHR$(137)
710 LOCATE 7,4:PRINT CHR$(137)
720 LOCATE 28,4:PRINT CHR$(135)
730 REM *****
740 REM *
750 REM *   MISE EN PLACE DES FENETRES D'AFFICHAGE *
760 REM *
770 REM *****
780 WINDOW #2,8,27,3,3
790 WINDOW #3,50,70,1,24
800 PAPER #3,1:PEN #3,0:CLS#3
810 LOCATE #3,1,23
820 LOCATE #4,1,24
830 REM *****
840 REM *
850 REM *   PRISE EN COMPTE DES TOUCHES FRAPPEES. *
860 REM *
870 REM *****
880 LET K$=INKEY$:IF K$="" THEN GOTO 880
890 LET FONC=ASC(K$)
900 IF FONC=67 OR FONC=99 THEN CLS#2:PRINT #3," ----
-- Clear -----":LET X=0:LET Y=0:LET OP=0:GOTO 880
910 IF FONC=46 THEN LET VIR=1
920 IF FONC=77 OR FONC=109 THEN GOSUB 1990
930 IF FONC=47 AND FONC<58 THEN GOSUB 1020
940 IF (FONC<41 AND FONC<48 AND FONC<48) OR (FONC>5
7 AND FONC<123) THEN GOSUB 1120
950 IF FONC=61 THEN LET Y=0:LET OP=0:PRINT #3," ---
Clear S.V. F=---"
960 GOTO 880
970 REM *****
980 REM *
990 REM *   CALCUL DU CHIFFRE FRAPPE AU CLAVIER. *
1000 REM *
1010 REM *****
1020 LET VALNUM=FONC-48
1030 IF VIR=0 THEN LET KB=(KB+10)+VALNUM
1040 IF VIR<>0 THEN LET KB=KB+VALNUM/10*VIR:LET VI
R=VIR+1
1050 PRINT #2,KB
1060 RETURN
1070 REM *****
1080 REM *

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0090 REM * ACQUILLAGE VERS SOUS ROUTINES OPERATION *
1000 REM *
1110 REM *****
1120 IF FOMC=81 THEN GOTO 1150
1130 IF RECALL=1 THEN LET KB=MEM:LET RECALL=0
1140 IF X=0 THEN LET X=KB:LET OP=FOMC:PRINT #3,X:GOT
0 1250
1150 IF Y=0 THEN LET Y=KB:PRINT #3," *(CHR$(OP)):IF Y
<>0 THEN PRINT #3,Y
1160 IF OP=43 THEN GOSUB 1320
1170 IF OP=45 THEN GOSUB 1400
1180 IF OP=42 THEN GOSUB 1480
1190 IF OP=47 THEN GOSUB 1570
1200 IF OP=84 THEN GOSUB 1660
1210 IF OP=83 OR OP=115 THEN LET Y=X:GOSUB 1750
1220 IF OP=76 THEN LET Y=X:GOSUB 1830
1230 IF OP=108 THEN LET Y=X:GOSUB 1910
1240 PRINT #2,X:PRINT #3," =":X
1250 LET KB=0:LET VIR=0
1260 RETURN
1270 REM *****
1280 REM *
1290 REM *      SOUS ROUTINE ADDITION.
1300 REM *
1310 REM *****
1320 LET X=X+Y
1330 LET Y=0:LET OP=FOMC
1340 RETURN
1350 REM *****
1360 REM *
1370 REM *      SOUS ROUTINE SOUSTRACTION.
1380 REM *
1390 REM *****
1400 LET X=X-Y
1410 LET Y=0:LET OP=FOMC
1420 RETURN
1430 REM *****
1440 REM *
1450 REM *      SOUS ROUTINE MULTIPLICATION.
1460 REM *
1470 REM *****
1480 IF Y=0 THEN RETURN
1490 LET X=X*Y
1500 LET Y=0:LET OP=FOMC
1510 RETURN
1520 REM *****
1530 REM *
1540 REM *      SOUS ROUTINE DIVISION.
1550 REM *
1560 REM *****
1570 IF Y=0 THEN RETURN
1580 LET X=X/Y
1590 LET Y=0:LET OP=FOMC
1600 RETURN
1610 REM *****
1620 REM *
1630 REM *      SOUS ROUTINE PUISSANCE.
1640 REM *
1650 REM *****
1660 IF Y=0 THEN RETURN
1670 LET X=X^Y
1680 LET Y=0:LET OP=FOMC
1690 RETURN
1700 REM *****
1710 REM *
1720 REM *      SOUS ROUTINE SACCINE CARRÉE.
1730 REM *
1740 REM *****
1750 LET X=SQR(X)
1760 LET Y=0:LET OP=FOMC
1770 RETURN
1780 REM *****
1790 REM *
1800 REM *      SOUS ROUTINE LOG NEPERIEN.
1810 REM *
1820 REM *****
1830 LET X=LOG(X)
1840 LET Y=0:LET OP=FOMC
1850 RETURN
1860 REM *****
1870 REM *
1880 REM *      SOUS ROUTINE LOG DECIMAL.
1890 REM *
1900 REM *****
1910 LET X=LOG10(X)
1920 LET Y=0:LET OP=FOMC
1930 RETURN
1940 REM *****
1950 REM *
1960 REM *      SOUS ROUTINE CONTROLE MEMOIRE.
1970 REM *
1980 REM *****
1990 LET K$=INKEY$
2000 IF K$="+" THEN GOTO 2050
2010 IF K$="-" THEN GOTO 2060
2020 IF K$="C" OR K$="c" THEN GOTO 2070
2030 IF K$="E" OR K$="e" THEN GOTO 2080
2040 GOTO 1990
2050 LET MEM=MEM+X:GOTO 2090
2060 LET MEM=MEM-X:GOTO 2090
2070 LET MEM=0:GOTO 2090
2080 LET RECALL=1:GOTO 2090
2090 LET Y=0:LET FOMC=0:PRINT #2,"
H":PRI
MT #3," ----- Clear -----"
2100 IF K$(">" OR K$("<" THEN LET X=0
2110 PRINT #3," Contenu memoire:"
2120 PRINT #3,MEM
2130 IF K$(">" AND K$("<" THEN PRINT #3," ----- C1
ear -----"
2140 IF K$="r" OR K$="R" THEN PRINT #2,MEM
2150 RETURN

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