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10 CLEAR:MODE 1
20 REM *****
30 REM *
40 REM *   CHOIX DU MODE D'AFFICHAGE *
50 REM *
60 REM *****
70 LOCATE 10,5: PRINT "BONJOUR,"
80 LOCATE 1,8: PRINT "SOUS QUEL MODE DESIREZ
  VOUS TRAVAILLER"
90 LOCATE 10,10: PRINT "0, 1 OU 2."
100 LET K$=INKEY$
110 IF K$<>"0" AND K$<>"1" AND K$<>"2" THEN
GOTO 100
120 LET M=(ASC(K$))-48
130 MODE M
140 REM *****
150 REM *
160 REM *   CREATION DES TABLEAUX DE *
170 REM *   MEMORISATION DES POINTS. *
180 REM *
190 REM *****
200 DIM A(16,16):DIM R(8,4)
210 REM *****
220 REM *
230 REM *   CREATION DES SYMBOLES *
240 REM *   DE LA GRILLE DE TRAVAIL *
250 REM *
260 REM *****
270 SYMBOL AFTER 127
280 SYMBOL 128,255,129,129,129,129,129,129,2
55
290 SYMBOL 129,255,255,255,255,255,255,255,2
55
300 REM *****
310 REM *
320 REM *   CHOIX DU NOMBRE DE SYMBOLES *
330 REM *   A GENERER EN MEMETEMPS. *
340 REM *
350 REM *****
360 LOCATE 1,1: PRINT "GENERATION DE"
370 LOCATE 1,3: PRINT "SYMBOLES GRAPHIQUES."
380 LOCATE 1,8: PRINT "NOMBRE DE CASES"
390 LOCATE 1,10: PRINT "HORIZONTALES (1, 2)"
400 LET K$=INKEY$

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410 IF K$<>"1" AND K$<>"2" THEN GOTO 400
420 LET XG=(ASC(K$))-48
430 LOCATE 1,15: PRINT "NOMBRE DE CASES"
440 LOCATE 1,17: PRINT "VERTICALES (1 OU 2)"
450 LET K$=INKEY$
460 IF K$<>"1" AND K$<>"2" THEN GOTO 450
470 LET YG=(ASC(K$))-48
480 CLS
490 REM *****
500 REM *
510 REM *   TRACE DE LA GRILLE DE TRAVAIL *
520 REM *
530 REM *****
540 FOR H=0 TO XG-1
550 FOR V=0 TO YG-1
560 FOR N=1 TO 8
570 FOR M=1 TO 8
580 LOCATE (N+(M*8)),(M+(8*V)):PRINT CHR$(12
8)
590 NEXT M
600 NEXT N
610 NEXT V
620 NEXT H
630 LOCATE 1,18: PRINT "JE SUIS PRET:"
640 LOCATE 1,20: PRINT "+FLECHES="
650 LOCATE 1,21: PRINT " DEPLACEMENT"
660 LOCATE 1,22: PRINT "+ESPACE="
670 LOCATE 1,23: PRINT " POINT BLANC"
680 LOCATE 1,24: PRINT "+ENTER="
690 LOCATE 1,25: PRINT " VALIDATION TRACE."
700 REM *****
710 REM *
720 REM *   SAISIE DU TRACE. *
730 REM *
740 REM *****
750 LET YC=1
760 LET XC=1
770 LET K$=INKEY$
780 IF K$="" THEN GOTO 860
790 LET K=ASC(K$)
800 LET XC=XC-(K=243)+(K=242):LOCATE 20,20
810 LET YC=YC+(K=240)-(K=241)
820 IF XC<1 THEN LET XC=1
830 IF YC<1 THEN LET YC=1
840 IF XC>8*H THEN LET XC=XC-1

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850 IF YC>8*V THEN LET YC=YC-1
860 LOCATE XC,YC:PRINT CHR$(129)
870 IF K=32 THEN GOTO 950
880 FOR T=1 TO 50:NEXT T
890 LOCATE XC,YC:PRINT CHR$(128)
900 LET A(XC,YC)=0
910 IF K=13 THEN GOTO 1060
920 FOR T=1 TO 20:NEXT T
930 IF K=32 THEN GOTO 950
940 GOTO 770
950 LOCATE XC,YC:PRINT CHR$(129)
960 LET A(XC,YC)=1
970 LET XC=XC+1
980 IF XC>8*H THEN LET XC=1:LET YC=YC+1
990 IF YC>8*V THEN GOTO 1060
1000 LET K=0:GOTO 770
1010 REM *****
1020 REM *
1030 REM * CHOIX DU NUMERO DE SYMBOLE. *
1040 REM *
1050 REM *****
1060 LOCATE 1,19:PRINT "(de 130 a 250)"; CHR
$(7)
1070 LOCATE 1,18:INPUT "SYMBOL AFTER";N
1080 IF N<130 OR N>250 THEN GOTO 1060
1090 FOR I=1 TO 19
1100 FOR J=18 TO 25
1110 LOCATE I,J
1120 PRINT " "
1130 NEXT J
1140 NEXT I
1150 REM *****
1160 REM *
1170 REM * CALCUL DE LA TRANSCRIPTION *
1180 REM * NUMERIQUE DE CHAQUE TRACE. *
1190 REM *
1200 REM *****
1210 FOR V=0 TO YG-1
1220 FOR H=0 TO XG-1
1230 FOR L=1 TO 8
1240 FOR C=0 TO 7
1250 LET R(L,(H+(2*V)+1))=R(L,(H+(2*V)+1))+
(2*(7-C)*A((C+1)+(8*H),L+(8*V)))
1260 LOCATE C+(H*8)+1,L+(V*8):PRINT "O"
1270 IF A((C+1)+(8*H),L+(8*V))=1 THEN LOCATE

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C+(H*8)+1,L+(V*8):PRINT CHR$(128)
1280 NEXT C
1290 NEXT L
1300 LET P=1+H+(2*V):LET NS=N+P-1
1310 REM *****
1320 REM *
1330 REM * AFFICHAGE EN TEMPS REEL DES *
1340 REM * NOUVEAUX SYMBOLES GRAPHIQUES. *
1350 REM *
1360 REM *****
1370 SYMBOL NS,R(1,P),R(2,P),R(3,P),R(4,P),R
(5,P),R(6,P),R(7,P),R(8,P)
1380 LOCATE 1,18:PRINT "LE RESULTAT:"
1390 LOCATE 8+H,20+V:PRINT CHR$(NS)
1400 NEXT H
1410 NEXT V
1420 LOCATE 1,23:PRINT "POUR LES DONNEES"
1430 LOCATE 1,25:PRINT "TAPER UNE TOUCHE."
1440 IF INKEY$="" THEN GOTO 1440
1450 REM *****
1460 REM *
1470 REM * AFFICHAGE DES DONNEES *
1480 REM * NUMERIQUES ET SYNTAXE *
1490 REM *
1500 REM *****
1510 MODE 2
1520 FOR I= 1 TO P
1530 LOCATE 1,(2*I)
1540 PRINT "SYMBOL";N+I;" ";
1550 FOR J=1 TO 8
1560 PRINT R(J,I);
1570 IF J<8 THEN PRINT ", ";
1580 NEXT J
1590 NEXT I
1600 REM *****
1610 REM *
1620 REM * REBOUCLAGE DU PROGRAMME *
1630 REM * SUR LA FRAPPE D'UNE TOUCHE. *
1640 REM *
1650 REM *****
1660 LOCATE 1,15:PRINT "POUR GENERER D'AUTR
ES SYMBOLES TAPER UNE TOUCHE."
1670 IF INKEY$="" THEN GOTO 1670
1680 GOTO 10

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