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10 REM -----INITIALISATION-----*
20 CLS: XP=8: YP=8: E=10: SC=1000
30 DIM V(400),A(30,30)
40 DIM Z(15)
50 A(XP,YP)=2 : DR=1 : QM=6
60 REM -----<CREATION TERRAIN>-----*
70 N=0 :FOR I = E TO E+79
80 IF E=0 AND XP=10 AND YP=10 THEN
1240
90 LOCATE 18,5 : PRINT"400"
100 A=SIN(I)*1000000
110 A=ABS(INT(A)): A$=STR$(A)
120 FOR D= 2 TO 6
130 C$=MID$(A$,D,1) : C=VAL(C$)
140 IF G=0 THEN G=1 : C=9
150 N=N+1
160 IF C<QM THEN V(N)=1: GOTO 180
170 V(N)=0
180 Y=INT(N/20):X=N-(Y*20):A(X,Y)=V
(N)
190 NEXT D : G=0: LOCATE 17,4 : PRI
NT N : NEXT I
200 PRINT CHR$(7) : N=0: REM BIP !
210 REM -----<AFFICHAGE>-----*
220 FOR Y=1 TO 20 : FOR X=1 TO 20
230 IF X=XP AND Y=YP THEN PRINT"X";
: GOTO 270
240 IF X=1 OR Y=1 OR X=20 OR Y=20 T
HEN A(X,Y)=1
250 IF A(X,Y)=1 THEN PRINT CHR$(143
); : GOTO 270
260 PRINT" ";
270 NEXT X : PRINT: NEXT Y
280 LOCATE 1,1: PRINT"PRESSER TOUCH
E": PRINT"NIV"E;" DENSITE"QM
290 A$=INKEY$: IF A$="" THEN 290
300 IF SF=1 THEN SF=0 : GOTO 70
310 GOTO 700
320 REM -----<ACTIONS>-----*

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330 A#=INKEY$: IF A#="" THEN 330
340 SC=SC-1
350 IF A#="A" OR A#="a" THEN 410
360 IF A#="L" OR A#="l" THEN DR=DR+
1
370 IF A#="K" OR A#="k" THEN DR=DR-
1
380 IF DR>4 THEN DR=DR-4
390 IF DR<1 THEN DR=DR+4
400 GOTO 700 : REM VERIF. LIMITE
410 IF DR=1 AND A(XP,YP-1)=0 THEN A
(XP,YP)=0: YP=YP-1: A(XP,YP)=2: GOT
D 700
420 IF DR=2 AND A(XP+1,YP)=0 THEN A
(XP,YP)=0: XP=XP+1: A(XP,YP)=2: GOT
D 700
430 IF DR=3 AND A(XP,YP+1)=0 THEN A
(XP,YP)=0: YP=YP+1: A(XP,YP)=2 : GO
TO 700
440 IF DR=4 AND A(XP-1,YP)=0 THEN A
(XP,YP)=0: XP=XP-1: A(XP,YP)=2: GOT
D 700
450 LOCATE 3,17: PRINT"!!!!":S=0
460 FOR J=1 TO 9
470 IF Z(J)=1 THEN S=S+1
480 NEXT J
490 LOCATE 3,17
500 ON S GOTO 520,520,650,530,530,6
10,610,570
510 GOTO 330
520 FOR H=18 TO 24 : LOCATE 3,H: PR
INT"!!!!": NEXT H: GOTO 330
530 PRINT"CARTE"
540 A#=INKEY$: IF A#="" THEN 540
550 IF A#="C" THEN 220
560 GOTO 330
570 PRINT"=(M)="
580 A#=INKEY$: IF A#="" THEN 580
590 IF A#="M" THEN E=E-1: LOCATE 3,
18: PRINT"NV"E: QM=6: GOTO 70
600 GOTO 330
610 PRINT"=(D)="
620 A#=INKEY$: IF A#="" THEN 620
630 IF A#="D" THEN E=E+1: LOCATE 3,
18: PRINT"NV"E: QM=6: GOTO 70
640 GOTO 330

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650 PRINT"O/N="
660 A#=INKEY$: IF A#="" THEN 660
670 IF A#="O" THEN QM=QM-1 : PRINT"
OUVERTURE": SF=1: GOTO 210
680 IF A#="N" THEN QM=QM+1 : PRINT"
FERMETURE": SF=1: GOTO 210
690 GOTO 330
700 REM-----DIRECTION-----*
710 IF XP<=2 OR XP>=19 OR YP<=2 OR
YP>=18 THEN LOCATE 1,5 : PRINT"LIMI
TE"
720 ON DR GOTO 730,780,830,880
730 REM ---DIR NORD DR=1-----*
740 FOR YL= YP+2 TO YP STEP -1
750 FOR XL= XP-1 TO XP+1 STEP 1
760 N=N+1: Z(N)= A(XL,YL)
770 NEXT XL,YL: N=0: GOTO 930
780 REM ---DIR EST DR=2-----*
790 FOR XL= XP+2 TO XP STEP -1
800 FOR YL= YP-1 TO YP+1 STEP 1
810 N=N+1: Z(N)=A(XL,YL)
820 NEXT YL,XL: N=0: GOTO 930
830 REM ---DIR SUD DR=3-----*
840 FOR YL= YP+2 TO YP STEP -1
850 FOR XL= XP+1 TO XP-1 STEP -1
860 N=N+1: Z(N)= A(XL,YL)
870 NEXT XL,YL : N=0 : GOTO 930
880 REM ---DIR OUEST DI=4-----*
890 FOR XL= XP-2 TO XP STEP 1
900 FOR YL= YP+1 TO YP-1 STEP -1
910 N=N+1: Z(N)= A(XL,YL)
920 NEXT YL,XL: N=0: GOTO 930
930 REM -----<VISION 3-D>-----*
940 CLS: PLOT 0,0: DRAW 0,150: DRAW
150,150: DRAW 150,0: DRAW 0,0
950 IF Z(7)=1 THEN PLOT 20,150: DRA
W 20,20: DRAW 0,0
960 IF Z(9)=1 THEN PLOT 130,150: DR
AW 130,20: DRAW 150,0
970 REM IF Z(5)=1 THEN PLOT 20,150:
DRAW 20,20: DRAW 130,20: DRAW 130,
150
980 IF Z(5)=1 AND Z(4)=1 AND Z(7)=0
THEN PLOT 20,20 : DRAW 0,20
990 IF Z(5)=1 AND Z(6)=1 AND Z(9)=0
THEN PLOT 130,20: DRAW 150,20

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1000 IF Z(5)=1 THEN PLOT 20,150: DR
AW 20,20: DRAW 130,20: DRAW 130,150
: GOTO 1150
1010 IF Z(4)=1 THEN PLOT 20,150: DR
AW 20,20: DRAW 50,50: DRAW 50,150
1020 IF Z(4)=1 AND Z(7)=0 THEN PLO
T 20,20: DRAW 0,20
1030 IF Z(6)=1 THEN PLOT 100,150:
RAW 100,50: DRAW 130,20: DRAW 130,
50
1040 IF Z(6)=1 AND Z(9)=0 THEN PLO
T 130,20 : DRAW 150,20
1050 IF Z(2)=0 AND Z(1)=0 AND Z(3)=
0 THEN 1150
1060 IF Z(2)=1 THEN PLOT 50,150: DR
AW 50,50: DRAW 100,50: DRAW 100,150
: GOTO 1090
1070 IF Z(1)=1 THEN PLOT 50,150: DR
AW 50,50: DRAW 60,60: DRAW 60,150
1080 IF Z(3)=1 THEN PLOT 90,150: DR
AW 90,60: DRAW 100,50: DRAW 100,150
1090 IF Z(4)=1 THEN 1120
1100 IF Z(7)=1 AND Z(1)=1 THEN PLO
T 50,50: DRAW 20,50
1110 IF Z(7)=0 AND Z(1)=1 THEN PLO
T 50,50: DRAW 0,50
1120 IF Z(6)=1 THEN 1150
1130 IF Z(9)=1 AND Z(3)=1 THEN PLO
T 100,50: DRAW 130,50
1140 IF Z(9)=0 AND Z(3)=1 THEN PLO
T 100,50: DRAW 150,50
1150 LOCATE 1,8
1160 PRINT"NIVEAU"E
1170 PRINT"POS. X=":XF:" Y=":YP
1180 PRINT"DIR:"DR
1190 IF SC<0 THEN PRINT"MORT !!!":
END
1200 PRINT"SCORE:"SC
1210 IF XP<=2 OR XP>=19 OR YP<=2 OR
YP>=18 THEN PRINT"<<LIMITE>>"
1220 IF E=0 AND XP=10 AND YP=10 THE
N 1240
1230 GOTO 330
1240 CLS
1250 PRINT"VOUS ETES SORTI!"
1260 PRINT"VOTRE SCORE : "SC : END

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