

...listing 1...

```

1 *****
2 D E F E N S E *
3 *
4 listing 1 *
5 Par *
6 FISCHER B. *
7 sur *
8 RMSTRAD *
9 *****
10 GOSUB 100
20 FOR a=1 TO 75
30 READ no:te: SOUND 1, no, te, 15: SOUN
ND 2, no+te, 15
40 DATA 142, 16, 159, 16, 142, 65, 0, 70,
159, 16, 179, 16, 190, 16, 213, 16, 225, 30,
213, 65, 0, 70, 284, 16, 319, 16, 284, 65,
0, 70, 374, 35, 358, 35, 451, 35, 426, 50,
70, 568, 16, 638, 16, 568, 65, 0, 70, 638,
16
50 DATA 716, 16, 758, 16, 851, 16, 902, 23
2, 851, 65, 0, 65, 851, 97, 902, 70, 758, 70,
638, 70, 536, 70, 451, 70, 379, 90, 638, 6
5, 758, 65, 676, 65, 0, 50, 451, 16, 426, 16
379, 16, 451, 16, 426, 16, 379, 16
60 DATA 451, 16, 426, 16, 379, 16, 451, 3
5, 426, 16, 379, 16, 358, 16, 319, 16, 379,
16, 358, 16, 319, 16, 379, 16, 358, 16, 319
1, 16, 379, 32, 358, 16, 319, 16, 284, 16, 26
8, 16, 319, 16, 284, 16, 268, 16, 319, 16, 2
84, 16, 268, 16
70 DATA 319, 40, 284, 58, 0, 65
75 DATA 119, 200
80 NEXT
90 SOUND 1, 451, 200, 7: SOUND 1, 426, 2
00, 7
95 RUN "defense"
100 PAPER 0:CLS:INK 1, 11:INK 2, 25
110 GOSUB 600
120 GOSUB 300
150 FOR fo=1 TO 640 STEP 30
200 FOR a=1 TO 640 STEP 20:PLOT fo
, 200, 1: DRAW 0+a, INT(1/10)+5:NEXT
201 NEXT
230 LOCATE 17, 15:PAPER 2:PRINT"DEF
ENSE": RETURN
300 FOR a=1 TO 180
350 DEG
400 PLOT 320, 190, 2: DRAW 320+50*COS(
a), 190+50*SIN(a):NEXT
500 RETURN
560 GOTO 560
600 FOR po=1 TO 640
700 PLOT po, 400, 3: DRAW po, INT(RND*
10)+300
750 NEXT
754 LOCATE 17, 15:PAPER 2:PRINT"DEF
ENSE"
800 RETURN

```

...listing 2...

```

1 *****
2 * D E F E N S E *
3 * LISTING 2 *
4 * FISCHER B. *
5 *****
10 MODE 1:GOSUB 1170:SPEED INK 20,
20 MODE 0:PEN 5:INK 0, 0:INK 1, 25
50 *****redefinition*****
90 SYMBOL AFTER 200
100 SYMBOL 201,0,0,0,0,0,0,0,0
110 SYMBOL 202,0,0,0,0,0,1,0,64
120 SYMBOL 203,0,0,0,0,224,240,64,
56
130 SYMBOL 204,0,0,0,0,0,224,64,22
4
140 SYMBOL 205,0,0,128,128,64,64,2
24,160
150 SYMBOL 206,0,0,0,0,0,0,0,0
160 SYMBOL 207,0,0,0,0,0,0,0,4
170 SYMBOL 208,32,20,12,12,15,15,1
1,251
180 SYMBOL 209,66,78,74,95,255,255
,201,255
190 SYMBOL 210,64,71,69,71,255,255
,36,255
200 SYMBOL 211,240,240,88,248,252,
236,124,235
210 SYMBOL 212,0,0,0,0,0,0,192,192
220 SYMBOL 213,4,4,15,6,7,63,51,63
230 SYMBOL 214,255,255,255,115,255
,255,255,255
240 SYMBOL 215,231,255,127,127,255
,255,255,255
250 SYMBOL 216,255,255,255,255,255
,255,255,255
255 SYMBOL 217,249,255,255,243,255
,255,255,255
260 SYMBOL 218,253,253,255,255,255
,255,255,255
270 SYMBOL 219,192,192,248,184,184
,254,254,254
280 a#=#CHR$(201)+CHR$(202)+CHR$(20
3)+CHR$(204)+CHR$(205)+CHR$(206)+
CHR$(207)+CHR$(208)+CHR$(209)+CHR
$(210)+CHR$(211)+CHR$(212)+CHR$(
213)+CHR$(214)+CHR$(215)+CHR$(21
7)+CHR$(218)+CHR$(219)
285 LOCATE 15,23: PEN 2:PRINT a#:"LO
CATE 15,24:PRINT b#:"LOCATE 15,25:P
RINT c#:"FOR em=1 TO 15:PLOT 1,em,3
: DRAW 640,em:NEXT
290 SYMBOL 219,3,15,63,234,63,15,3
,4
300 SYMBOL 220,192,240,252,87,252,
248,192,32

```

```

310 a#=#CHR$(201)+CHR$(219)+CHR$(22
0)
320 SYMBOL 221,255,255,255,255,255
,255,255,255
330 a#=#CHR$(221)
340 PEN 3:FOR i=1 TO 20:LOCATE i,1
:PRINT a#:"LOCATE 1,5:PRINT a#:"NEXT
350 FOR a=2 TO 4:LOCATE 1,a:PRINT
a#:"LOCATE 20,a:PRINT a#
360 NEXT a
370 PEN 2:LOCATE 2,2:PRINT"score"
:"LOCATE 2,3:PRINT"soucouPesi":
LOCATE 2,4:PRINT"sur"
380 SYMBOL 222,54,20,252,163,37,41
,226,28
390 SYMBOL 223,248,177,130,252,62,
35,65,152
400 SYMBOL 224,248,48,128,64,0,48,
216,0
410 f#=#CHR$(222)+CHR$(223)+CHR$(22
4)
420 SYMBOL 225,0,30,21,16,18,127,1
8,26
430 SYMBOL 226,0,88,23,96,46,46,23
,4,97
440 SYMBOL 227,62,40,168,238,164,5
,63,2
450 g#=#CHR$(225)+CHR$(226)+CHR$(22
7)
460 SYMBOL 228,16,16,16,254,16,16,
16,0
462 *****jeu*****
465 mx=19:k1=0
470 IF JOY(0)=1 THEN mx=mx-1
480 IF JOY(0)=2 THEN mx=mx+1
490 IF mx<14 THEN mx=14
500 IF mx>21 THEN mx=21
510 LOCATE 16,mx+1:PRINT CHR$(201)
:LOCATE 16,mx:PEN 1:PRINT CHR$(228
):LOCATE 16,mx-1:PRINT CHR$(201)
520 k1=k1+1
530 IF k1<2 THEN GOSUB 1060
540 PEN 14:LOCATE kl,po:PRINT g#:"I
f k1=17 THEN ra=#a+1:LOCATE 12,4:P
APER 1: PEN 3:PRINT ra:PAPER 0:PRIN
T CHR$(7)
542 IF ra=50 THEN 1250
545 FOR pause=1 TO dif:NEXT
550 IF k1=18 THEN GOSUB 1080
560 IF JOY(0)=16 THEN GOSUB 1100
999 GOTO 470
1000 *****
1001 PLOT 0, 200, 1: DRAW 110, 250: DRA
W 220, 190: PLOT 190, 210: DRAW 290, 26
0: DRAW 390, 200: PLOT 365, 180: DRAW 4
90, 270: DRAW 578, 180: PLOT 553, 200: D
RAW 630, 260: DRAW 640, 240
1010 FOR i=1 TO 70: PLOT 110, 250: DR
AW 65+1, INT(1/10)+230, 2: NEXT
1020 FOR i=1 TO 65: PLOT 290, 250: DR
AW 250+1, INT(1/10)+240: NEXT
1030 FOR i=1 TO 60: PLOT 490, 270: DR
AW 449+1, INT(1/10)+240: NEXT

```

```

1040 FOR i=1 TO 40: PLOT 630, 260: DR
AW 600+1, INT(1/10)+240: NEXT
1045 *****
1050 RETURN
1060 po=#RND(1)*22
1070 IF po<15 THEN 1060
1075 RETURN
1080 h#=#CHR$(201)+CHR$(201)+CHR$(2
01)
1090 LOCATE 18,po:PRINT h#:"k1=0:RE
TURN
1100 SOUND 1,16,1,7: IF k1=16 THEN
1120
1110 RETURN
1120 IF po=mx THEN 1125
1130 RETURN
1135 LOCATE 16,mx:PEN 2:PRINT g#:"L
OCATE 16,mx:PEN 1:PRINT f#
1140 db=7: FOR i=1 TO 6: d=db+1: SOUN
D 7,0,25,db,2,0,25: NEXT
1150 PAPER 3:FOR i=1 TO 20: LOCATE
16,mx:PEN 1:PRINT g#:"LOCATE 16,mx
:PEN 2:PRINT f#:"NEXT
1155 sc=mx:co=10: PAPER 3: PEN 2: LOCA
TE 12,2:PRINT sco:sou=sou+1: PAPER
2: PEN 3:LOCATE 12,3:PRINT sou: PAPER
1: RETURN
1165 *****
1170 MODE 1:INK 1,2:INK 0,9
1175 PAPER 3: PEN 2: LOCATE 15,2: PRI
NT"DEFENSE": PAPER 0
1180 LOCATE 5,10: PEN 2:PRINT"30=tr
ese facile mais tir difficile"
1190 LOCATE 5,11: PEN 1:PRINT"25=fa
cile tir assez difficile"
1200 LOCATE 5,12: PEN 3:PRINT"20=mo
yen tir moyen"
1210 LOCATE 5,13: PEN 2:PRINT"15=di
fficile tir assez facile"
1220 LOCATE 5,14: PEN 1:PRINT"10=tr
ese difficile tir facile"
1230 LOCATE 10,20: PEN 3: INPUT"votr
e choix": dif
1235 IF dif<30 AND dif >25: RND d
if<20 AND dif<15 AND dif<15 AND
dif<10 THEN 1230
1240 RETURN
1250 MODE 1: INK 0,9
1260 PEN 3: PAPER 2: LOCATE 15,2: PRI
NT"DEFENSE": PAPER 0
1280 LOCATE 5,5: PRINT"VOUS AVEZ MA
RIE": sco,LOCATE 14,7:PRINT"Points
sur":ra#10
1310 LOCATE 12,20: INPUT"VOULEZ-VOU
S RECOMMENCER ?":ne#
1320 IF ne#=#o" OR ne#=#0" THEN RU
N 5
1330 IF ne#=#n" OR ne#=#1" THEN CL
S
1335 END

```