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10 MODE 1
20 MODE 1:CLS:CLEAR
30 REM *****
40 REM * DONNEES DES SYMBOLES GRAPHIQUES. *
50 REM *****
60 SYMBOL AFTER 127
70 SYMBOL 128,255,129,129,129,129,129,255
80 SYMBOL 129,28,28,54,54,42,54,28
90 SYMBOL 130,8,8,28,28,54,54,34
100 SYMBOL 131,42,42,42,42,42,54,62,28
110 SYMBOL 132,0,15,62,240,62,15,0,0
120 SYMBOL 133,0,254,7,247,7,254,0,0
130 SYMBOL 134,42,42,42,42,42,42,42,42
140 SYMBOL 135,0,255,0,255,0,255,0,0
150 REM *****
160 REM * MISE EN PLACE TABLEAUX MEMORISATION COUPS. *
170 REM *****
180 DIM J (10,10)
190 DIM M (10,10)
200 DIM B (10,10)
210 WINDOW #1,1,40,16,25
220 REM *****
230 REM * INITIALISATION DES VARIABLES. *
240 REM *****
250 LET M=0:LET PM=1:LET FJ=1
260 LET HJM=1:LET VJM=1:LET IJM=5
270 LET RCH=0
280 REM *****
290 REM * MISE EN PLACE DES GRILLES DE JEU *
300 REM *****
310 FOR M=5 TO 14
320 FOR V=5 TO 14
330 LOCATE H,V:PRINT CHR$(128)
340 LOCATE M+15,V:PRINT CHR$(128)
350 NEXT V
360 NEXT M
370 FOR N=0 TO 9
380 LOCATE 2,N+5:PRINT N
390 LOCATE 17,N+5:PRINT N
400 NEXT N
410 LOCATE 5,3:PRINT "ABCDEFGHIJ"
420 LOCATE 20,3:PRINT "ABCDEFGHIJ"
430 LOCATE #1,10,2:PRINT #1,"BATTIMENTS DISPONIBLES:"
440 LOCATE #1,10,4:PRINT #1,"4 VEDETTES: ",CHR$(128)
450 LOCATE #1,10,6:PRINT #1,"2 CUIRASSES: ",CHR$(132):CH
R$(133)
460 LOCATE #1,10,8:PRINT #1,"1 PORTE-AVIONS: ",CHR$(132)
:CHR$(135):CHR$(133)
470 LOCATE #1,1,10:PRINT #1,"TAPER UNE TOUCHE POUR COMME
NCE LE JEU
480 IF INKEY="" THEN GOTO 480
490 REM *****
500 REM * MISE EN PLACE DES NAVIRES DU JOUEUR *
510 REM *****
520 CLS#1
530 LOCATE #1,1,2:PRINT #1,"CHOISISSEZ LA POSITION DE VO
S VEDETTES."
540 LOCATE #1,10,4:PRINT #1,"POSITION:"
550 LET N=4:LET B=1:GOSUB 1490
560 CLS #1
570 LOCATE #1,1,2:PRINT #1,"CHOISISSEZ LA POSITION DE VO
S CUIRASSES."
580 LOCATE #1,10,4:PRINT #1,"POSITION:"
590 LOCATE #1,1,6:PRINT #1,"INDIQUEZ EGLEMENT LEUR DIRE
CTION"
600 LOCATE #1,1,8:PRINT #1,"(X OU Y) APRES LES COORDONNE
S
610 LOCATE #1,1,10:PRINT #1,"LEUR AVANT."
620 LET N=2:LET B=2:GOSUB 1490
630 CLS #1
640 LOCATE #1,1,2:PRINT #1,"CHOISISSEZ LA POSITION DU PO
RTE-AVIONS."
650 LOCATE #1,10,4:PRINT #1,"POSITION:"
660 LOCATE #1,1,6:PRINT #1,"INDIQUEZ EGLEMENT SA DIRECT
ION"
670 LOCATE #1,1,8:PRINT #1,"(X OU Y) APRES LES COORDONNE
S DE"
680 LOCATE #1,1,10:PRINT #1,"SON AVANT."
690 LET N=1:LET B=4:GOSUB 1490
700 REM *****
710 REM * MISE EN PLACE DES NAVIRES DE L'ORDINATEUR. *
720 REM *****
730 CLS #1
740 LOCATE #1,1,5:PRINT #1,"ATTENDEZ: JE PLACE MES NAVIR
ES."
750 LET M=1
760 FOR Z=1 TO 3
770 IF Z=1 THEN LET B=1:LET A=3
780 IF Z=2 THEN LET B=2:LET A=1
790 IF Z=3 THEN LET B=4:LET A=0
800 FOR C=0 TO A
810 LET HP=INT(RND*8)+1
820 LET VP=INT(RND*8)+1
830 IF Z=1 THEN LET DB=CHR$(86+INT(RND*2))
840 ON Z GOSUB 1670,1740,1890
850 NEXT C
860 NEXT Z
870 REM *****
880 REM * PRISE EN COMPTE DU COUP DU JOUEUR *
890 REM *****
900 CLS #1:IF FM=0 OR FJ=0 THEN GOTO 1370
910 LET M=1:LET B=0
920 LOCATE #1,1,2:PRINT #1,"LES COORDONNEES DE VOTRE TIR
S.V.P ?"
930 GOSUB 1490
940 GOSUB 2080
950 REM *****
960 REM * DETERMINATION DU COUP DE L'ORDINATEUR. *
970 REM *****
980 CLS #1
990 LOCATE #1,1,2:PRINT #1,"A MON TOUR: JE JOUE:"
1000 IF RCH<0 THEN GOTO 1080
1010 LET HJM=INT(RND*10)+1
1020 LET VJM=INT(RND*10)+1
1030 IF B(HJM,VJM)=1 THEN GOTO 1010
1040 IF J(HJM,VJM)<0 THEN LET RCH=1:LET RH=HJM:LET RV=V
JM
1050 GOSUB 2240
1060 GOTO 900
1070 IF RCH=0 OR FM=0 OR FJ=0 THEN GOTO 900
1080 IF RCH<1 THEN GOTO 1140
1090 IF HJM>9 THEN LET RCH=2:GOTO 1140
1100 IF B(HJM+1,VJM)<0 THEN LET RCH=2:GOTO 1140
1110 LET HJM=HJM+1
1120 GOSUB 2240:IF RCH=0 THEN GOTO 900
1130 IF J(HJM,VJM)=0 THEN LET HJM=HJM+1:LET RCH=2:GOTO 9
00
1140 IF RCH<2 THEN GOTO 1200
1150 IF VJM>9 THEN LET RCH=3:GOTO 1200
1160 IF B(HJM,VJM+1)<0 THEN LET RCH=3:GOTO 1200
1170 LET VJM=VJM+1
1180 GOSUB 2240:IF RCH=0 THEN GOTO 900
1190 IF J(HJM,VJM)=0 THEN LET VJM=VJM+1:LET RCH=3:GOTO 9
00
1200 IF RCH<3 THEN GOTO 1260
1210 IF HJM<2 THEN LET RCH=4:GOTO 1260
1220 IF B(HJM-1,VJM)<0 THEN LET RCH=4:GOTO 1260
1230 LET HJM=HJM-1
1240 GOSUB 2240:IF RCH=0 THEN GOTO 900
1250 IF J(HJM,VJM)=0 THEN LET HJM=HJM+1:LET RCH=4:GOTO 9
00
1260 IF RCH<4 THEN GOTO 1070
1270 IF VJM<2 THEN LET RCH=1:GOTO 1080
1280 IF B(HJM,VJM-1)<0 THEN LET RCH=1:GOTO 1080
1290 LET VJM=VJM-1
1300 GOSUB 2240:IF RCH=0 THEN GOTO 900
1310 IF J(HJM,VJM)=0 THEN LET VJM=VJM+1:LET RCH=1:GOTO 9
00
1320 IF RCH=0 THEN GOTO 1010
1330 IF FM<0 AND FJ<0 THEN GOTO 1450
1340 REM *****
1350 REM * CONTROLE FIN DE PARTIE. *
1360 REM *****
1370 CLS #1
1380 LOCATE #1,5,2
1390 IF FJ=0 THEN PRINT #1,"DESOLE, MAIS J'AI GAGNE..."
1400 IF FM=0 THEN PRINT #1,"BRAVO, VOUS AVEZ GAGNE!"
1410 LOCATE #1,1,5
1420 PRINT #1,"POUR UNE AUTRE PARTIE TAPER 'P' ."
1430 IF UPPEX$(INKEY$)<>"P" THEN GOTO 1430
1440 GOTO 20

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1450 GOTO 900
1460 REM *****
1470 REM *   SOUS ROUTINE D'ENTREE COORDONNES DU TIR *
1480 REM *****
1490 FOR C=1 TO M
1500 LET VP=0:LET HP=0:LET D==""
1510 LET K=UPPER$(INKEY$)
1520 IF K=>" " THEN GOTO 1510
1530 LET CT=ASC(K)
1540 IF CT<47 AND CT<58 THEN LET VP=CT-47:LOCATE #1,20,4
:PRINT #1,K
1550 IF CT<64 AND CT<75 THEN LET HP=CT-64:LOCATE #1,18,4
:PRINT #1,K
1560 IF B=1 AND (CT=58 OR CT=59) THEN LET D=K$:LOCATE #
1,22,4:PRINT #1,"("K$;")"
1570 IF VP=0 OR HP=0 THEN GOTO 1510
1580 IF B=1 AND D= "" THEN GOTO 1510
1590 IF B=1 THEN GOSUB 1670
1600 IF B=2 THEN GOSUB 1740
1610 IF B=4 THEN GOSUB 1890
1620 NEXT C
1630 RETURN
1640 REM *****
1650 REM *   SOUS ROUTINE DE MISE EN PLACE DES VEDETTES *
1660 REM *****
1670 IF (M=0 AND J(HP,VP)<0) OR (M=1 AND M(HP,VP)<0) T
HEN LET C=1:PRINT CHR$(7):GOTO 1700
1680 IF M=0 THEN LET J(HP,VP)=B:LOCATE HP+4,VP+4:PRINT C
HR$(128)
1690 IF M=1 THEN LET M(HP,VP)=B
1700 RETURN
1710 REM *****
1720 REM *   SOUS ROUTINE MISE EN PLACE DES CUIRASSES *
1730 REM *****
1740 IF D=>"X" AND HP>9 THEN LET C=0-1:PRINT CHR$(7):GOT
O 1850
1750 IF D=>"Y" AND VP>9 THEN LET C=0-1:PRINT CHR$(7):GOT
O 1850
1760 IF M=0 AND J(HP,VP)<0) OR (M=1 AND M(HP,VP)<0)
THEN LET C=0-1:PRINT CHR$(7):GOTO 1850
1770 IF D=>"Y" THEN GOTO 1790
1780 IF (M=0 AND J(HP+1,VP)<0) OR (M=1 AND M(HP+1,VP)<
0) THEN LET C=0-1:PRINT CHR$(7):GOTO 1850
1790 IF D=>"X" THEN GOTO 1810
1800 IF (M=0 AND J(HP,VP+1)<0) OR (M=1 AND M(HP,VP+1)<
0) THEN LET C=0-1:PRINT CHR$(7):GOTO 1850
1810 IF D=>"X" AND M=0 THEN LET J(HP,VP)=2:LET J(HP+1,VP
)=2:LOCATE HP+4,VP+4:PRINT CHR$(132):CHR$(133)
1820 IF D=>"X" AND M=1 THEN LET M(HP,VP)=2:LET M(HP+1,VP
)=2:LOCATE HP+4,VP+4:PRINT CHR$(130):LOCATE HP+4,VP+5:PR
INT CHR$(131)
1830 IF D=>"Y" AND M=0 THEN LET J(HP,VP)=2:LET J(HP,VP+1
)=2:LOCATE HP+4,VP+4:PRINT CHR$(130):LOCATE HP+4,VP+5:PR
INT CHR$(131)
1840 IF D=>"Y" AND M=1 THEN LET M(HP,VP)=2:LET M(HP,VP+1
)=2
1850 RETURN
1860 REM *****
1870 REM *   SOUS ROUTINE MISE EN PLACE DU PORTX AVIONS *
1880 REM *****
1890 IF D=>"X" AND HP>9 THEN LET C=0-1:PRINT CHR$(7):GOT
O 2050
1900 IF D=>"Y" AND VP>9 THEN LET C=0-1:PRINT CHR$(7):GOT
O 2050
1910 IF M=0 AND J(HP,VP)<0) THEN LET C=0-1:PRINT CHR$(7)
:GOTO 2050
1920 IF M=1 AND M(HP,VP)<0) THEN LET C=0-1:PRINT CHR$(7)
:GOTO 2050
1930 IF D=>"Y" THEN GOTO 1970
1940 FOR I=1 TO 2
1950 IF (M=0 AND J(HP+1,VP)<0)OR(M=1 AND M(HP+1,VP)<0)
THEN LET C=0-1:LET I=2:PRINT CHR$(7):GOTO 2050
1960 NEXT I
1970 IF D=>"X" THEN GOTO 2010
1980 FOR I=1 TO 2
1990 IF (M=0 AND J(HP,VP+1)<0) OR (M=1 AND M(HP,VP+1)<
0) THEN LET C=0-1:LET I=2:PRINT CHR$(7):GOTO 2050
2000 NEXT I
2010 IF D=>"X" AND M=0 THEN FOR I=0 TO 2:LET J(HP+1,VP)=
4:NEXT I:LOCATE HP+4,VP+4:PRINT CHR$(192):CHR$(135):CHR$
(133)

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2020 IF D=>"X" AND M=1 THEN FOR I=0 TO 2:LET M(HP+1,VP)=
4:NEXT I
2030 IF D=>"Y" AND M=0 THEN FOR I=0 TO 2:LET J(HP,VP+1)=
4:NEXT I:LOCATE HP+4,VP+4:PRINT CHR$(130):LOCATE HP+4,VP
+5:PRINT CHR$(134):L
OCATE HP+4,VP+6:PRINT CHR$(131)
2040 IF D=>"Y" AND M=1 THEN FOR I=0 TO 2:LET M(HP,VP+1)=
4:NEXT I
2050 RETURN
2060 REM *****
2070 REM *   SOUS ROUTINE CONTROLE DES COUPS DU JOUEUR. *
2080 REM *****
2090 CLS #1:LET FN=0
2100 LOCATE HP+19,VP+4:PRINT CHR$(203)
2110 IF M(HP,VP)>0 THEN LOCATE #1,1,4:PRINT #1,"COUP DAN
I 1:LAU 1:"GOTO 2150
2120 LOCATE #1,1,4:PRINT #1,"TOUCHE 1:"LET M(HP,VP)=0
2130 FOR T=1 TO 1000:NEXT T
2140 LOCATE HP+19,VP+4:PRINT CHR$(202)
2150 FOR L=1 TO 10
2160 FOR K=1 TO 10
2170 LET FN=FN+M(L,K)
2180 NEXT K
2190 NEXT L
2200 RETURN
2210 REM *****
2220 REM *   SOUS ROUTINE CONTROLE COUPS ORDINATEUR *
2230 REM *****
2240 LOCATE #1,15,4:PRINT #1,CHR$(HJH+64):CHR$(VJH+47)
2250 LET RJ=0
2260 LOCATE #1,1,6:PRINT #1,"VOS COMMENTAIRES (R=RATE, T=
TOUCHE)"
2270 LET K=UPPER$(INKEY$)
2280 IF K=>"R" AND K=>"T" THEN GOTO 2270
2290 IF (K=>"R" AND J(HJH,VJH)=0) OR (K=>"T" AND J(HJH,V
JH)<0) THEN FOR I=0 TO 2310
2300 LOCATE #1,1,6:PRINT #1,"NE TRICHEZ PAS: RESTONS SE
VEUX !!!":GOTO 2270
2310 LET B(HJH,VJH)=1
2320 LET J(HJH,VJH)=1
2330 LOCATE HJH+4,VJH+4:PRINT CHR$(128)
2340 FOR L=1 TO 10
2350 FOR K=1 TO 10
2360 LET FJ=FJ+J(L,K)
2370 NEXT K
2380 NEXT L
2390 IF KCH=0 THEN NEXT RETURN
2400 PRINT CHR$(7)
2410 IF B(H=1 OR RV=1 OR B(H=10 OR RV=10 THEN GOTO 2440
2420 IF B(RH-1,RV)=1 AND B(RH-1,RV)=1 AND B(RH,RV+1)=1 A
ND B(RH,RV-1)=1 THEN LET RCH=0
2430 RETURN
2440 IF RH<1 OR RV<1 THEN GOTO 2470
2450 IF B(RH+1,RV)=1 AND B(RH,RV+1)=1 THEN LET RCH=0
2460 RETURN
2470 IF RH<10 OR RV<10 AND B(RH-1,RV)=1 THEN GOTO 2500
2480 IF B(RH-1,RV)=1 AND B(RH,RV-1)=1 THEN LET RCH=0
2490 RETURN
2500 IF RH<1 OR RV<10 THEN GOTO 2530
2510 IF B(RH+1,RV)=1 AND B(RH,RV-1)=1 THEN LET RCH=0
2520 RETURN
2530 IF RH<10 OR RV<1 THEN GOTO 2560
2540 IF B(RH-1,RV)=1 AND B(RH,RV+1)=1 THEN LET RCH=0
2550 RETURN
2560 IF RH<1 THEN GOTO 2590
2570 IF B(RH+1,RV)=1 AND B(RH,RV+1)=1 AND B(RH,RV-1)=1 T
HEN LET RCH=0
2580 RETURN
2590 IF RH<10 THEN GOTO 2620
2600 IF B(RH+1,RV)=1 AND B(RH,RV+1)=1 AND B(RH,RV-1)=1 T
HEN LET RCH=0
2610 RETURN
2620 IF RV<1 THEN LET GOTO 2650
2630 IF B(RH-1,RV)=1 AND B(RH+1,RV)=1 AND B(RH,RV+1)=1 T
HEN LET RCH=0
2640 RETURN
2650 IF RV<10 THEN GOTO 2670
2680 IF B(RH-1,RV)=1 AND B(RH+1,RV)=1 AND B(RH,RV-1)=1 T
HEN LET RCH=0
2670 RETURN

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