

```
10 LET K=0
20 LET MOV=0
30 DIM A(10,10)
40 LET A(5,5)=-1
50 LET A(6,6)=-1
60 LET A(6,5)=1
70 LET A(5,6)=1
80 LET C=0
90 DIM W(10,10)
100 LET A$=""
110 FOR I=1 TO 10
120 LET W(I,1)=-8
130 LET W(I,10)=-8
```

```

140 LET W(1,I)=-8
150 LET W(10,I)=-8
160 NEXT I
170 LET QQ=0
180 LET JJ=0
190 LET EN=0
200 INK 1,24
210 INK 2,6
220 INK 0,0
230 INK 3,26
240 PEN 1:PAPER 0:BORDER 0:MODE 1
250 IF K=0 THEN GOSUB 3700
260 GOSUB 530
270 LET MOV=MOV+1
280 IF EN>1 THEN GOTO 3510
290 IF MOV/2<>INT(MOV/2) THEN GOTO 320
300 LOCATE#2,3,4:PEN#2,2:PRINT#2,"RED "
310 GOTO 330
320 LOCATE#2,3,4:PEN#2,0:PRINT#2,"WHITE"
330 LOCATE#2,7,6:PRINT#2," "
340 IF C<>0 THEN PEN#2,0:LOCATE#2,8,9:PRINT#2,A$
350 LET C=0
360 IF MOV/2=INT(MOV/2) AND PL=1 THEN GOTO 1830
370 FOR I=1 TO 20:LET D$=INKEY$:NEXT I:LET A$=""
380 LET Q$=INKEY$:IF Q$="" THEN GOTO 380
390 LET A$=A$+Q$:LOCATE#2,6+LEN(A$),6:PRINT#2,Q$:I
F LEN(A$)=2 THEN GOTO 400 ELSE GOTO 380
400 IF A$="PP" THEN GOTO 1890
410 LET I=ASC(LEFT$(A$,1))-64
420 LET J=VAL(RIGHT$(A$,1))
430 IF J<1 OR J>8 OR I<1 OR I>8 THEN GOTO 660
440 LET I=I+1
450 LET J=J+1
460 LOCATE#2,7,6:PEN#2,0:PRINT#2,A$;" "
470 IF MOV/2=INT(MOV/2) AND PL=1 THEN GOTO 1830
480 GOTO 630
490 LET A(I,J)=-1
500 IF MOV/2=INT(MOV/2) THEN LET A(I,J)=1
510 GOSUB 530
520 GOTO 270
530 REM ***
540 PAPER 0
550 FOR F=4 TO 18 STEP 2
560 FOR G=15 TO 29 STEP 2
570 IF A(F/2,(G-11)/2)=1 THEN LOCATE G+1,F+1:PEN 2
:PRINT CHR$(231)
580 IF A(F/2,(G-11)/2)=-1 THEN LOCATE G+1,F+1:PEN
3:PRINT CHR$(231)
590 IF A(F/2,(G-11)/2)=0 THEN LOCATE G+1,F+1:PEN 1
:PRINT CHR$(144)
600 NEXT G

```

```

610 NEXT F
620 RETURN
630 LET MX=-2
640 IF A(I,J)=0 THEN GOTO 750
650 REM
660 FOR F=1 TO 3
670 LOCATE 1,1:PAPER 2:PEN 1:PRINT"ILLEGAL MOVE"
680 FOR O=0 TO 10
690 NEXT O
700 LOCATE 1,1:PAPER 2:PRINT"          "
710 FOR O=0 TO 10
720 NEXT O
730 NEXT F
740 GOTO 280
750 REM
760 LET AA=-1
770 IF MOV/2=INT(MOV/2) THEN LET BB=-1
780 IF MOV/2=INT(MOV/2) THEN LET AA=1
790 FOR L=J+1 TO 10
800 IF A(I,L)=0 THEN GOTO 880
810 IF A(I,L)=AA THEN GOTO 830
820 NEXT L
830 IF L=J+1 THEN GOTO 880
840 FOR M=J+1 TO L-1
850 LET A(I,M)=AA
860 NEXT M
870 LET C=C+1
880 FOR L=J-1 TO 1 STEP-1
890 IF A(I,L)=0 THEN GOTO 970
900 IF A(I,L)=AA THEN GOTO 920
910 NEXT L
920 IF L=J-1 THEN GOTO 970
930 FOR M=J-1 TO L+1 STEP-1
940 LET A(I,M)=AA
950 NEXT M
960 LET C=C+1
970 FOR L=I+1 TO 10
980 IF A(L,J)=0 THEN GOTO 1060
990 IF A(L,J)=AA THEN GOTO 1010
1000 NEXT L
1010 IF L=I+1 THEN GOTO 1060
1020 FOR M=I+1 TO L-1
1030 LET A(M,J)=AA
1040 NEXT M
1050 LET C=C+13
1060 FOR L=I-1 TO 1 STEP-1
1070 IF A(L,J)=0 THEN GOTO 1150
1080 IF A(L,J)=AA THEN GOTO 1100
1090 NEXT L
1100 IF L=I-1 THEN GOTO 1150
1110 FOR M=I-1 TO L+1 STEP -1

```

```
1120 LET A(M,J)=AA
1130 NEXT M
1140 LET C=C+1
1150 REM ***DIAGONALS***
1160 LET Z=1
1170 LET M=J+Z
1180 LET EN=EN+1
1190 LET L=I-Z
1200 IF J<10 AND I<10 THEN LET EN=0
1210 IF L=1 OR M=10 THEN GOTO 1340
1220 IF J=10 OR I=10 THEN GOTO 1890
1230 IF A(L,M)=0 THEN GOTO 1340
1240 IF A(L,M)=AA THEN GOTO 1270
1250 LET Z=Z+1
1260 GOTO 1170
1270 IF Z=1 THEN GOTO 1340
1280 FOR V=1 TO Z-1
1290 LET L=I-V
1300 LET M=J+V
1310 LET A(L,M)=AA
1320 NEXT V
1330 LET C=C+1
1340 REM ***NEXT DIAG***
1350 LET Z=1
1360 LET L=I+Z
1370 LET M=J-Z
1380 IF L=10 OR M=1 THEN GOTO 1500
1390 IF A(L,M)=0 THEN GOTO 1500
1400 IF A(L,M)=AA THEN GOTO 1430
1410 LET Z=Z+1
1420 GOTO 1360
1430 IF Z=1 THEN GOTO 1500
1440 FOR V=1 TO Z-1
1450 LET L=I+V
1460 LET M=J-V
1470 LET A(L,M)=AA
1480 NEXT V
1490 LET C=C+1
1500 LET Z=1
1510 LET L=I+Z
1520 LET M=J+Z
1530 IF L=10 OR M=10 THEN GOTO 1650
1540 IF A(L,M)=0 THEN GOTO 1650
1550 IF A(L,M)=AA THEN GOTO 1580
1560 LET Z=Z+1
1570 GOTO 1510
1580 IF Z=1 THEN GOTO 1650
1590 FOR V=1 TO Z-1
1600 LET L=I+V
1610 LET M=J+V
1620 LET A(L,M)=AA
```

```

1630 NEXT V
1640 LET C=C+1
1650 LET Z=1
1660 LET L=I-Z
1670 LET M=J-Z
1680 IF L=1 OR M=1 THEN GOTO 1800
1690 IF A(L,M)=0 THEN GOTO 1800
1700 IF A(L,M)=AA THEN GOTO 1730
1710 LET Z=Z+1
1720 GOTO 1660
1730 IF Z=1 THEN GOTO 1800
1740 FOR V=1 TO Z-1
1750 LET L=I-V
1760 LET M=J-V
1770 LET A(L,M)=AA
1780 NEXT V
1790 LET C=C+1
1800 REM ***END OF SEQUENCE***
1810 IF C=0 THEN GOTO 650
1820 GOTO 490
1830 LET MX=-6
1840 PEN 1:PAPER 2:LOCATE 13,24:PRINT"P L E A S E
    W A I T":PAPER 0
1850 FOR T= 1 TO 800
1860 NEXT T
1870 REM
1880 GOTO 1970
1890 REM
1900 FOR F=1 TO 3
1910 PEN 1:PAPER 2:LOCATE 4,25:PRINT"NO POSSIBLE M
OVE FOR THIS PLAYER"
1920 FOR G=1 TO 800
1930 NEXT G
1940 LOCATE 4,25:PAPER 2:PRINT"
    "
1950 NEXT F
1960 GOTO 270
1970 FOR I=2 TO 9
1980 FOR J=2 TO 9
1990 LET W(I,J)=0
2000 NEXT J
2010 NEXT I
2020 LET AA=1
2030 LET BB=-1
2040 FOR I=2 TO 9
2050 FOR J=2 TO 9
2060 IF A(I,J)=0 THEN GOTO 2090
2070 LET W(I,J)=-8
2080 GOTO 2100
2090 GOSUB 2220
2100 NEXT J

```

```
2110 NEXT I
2120 FOR I=2 TO 9
2130 FOR J=2 TO 9
2140 IF W(I,J)=MX THEN GOTO 2180
2150 NEXT J
2160 NEXT I
2170 LOCATE 13,24:PAPER 2:PRINT"
      ":PAPER 0
2180 LOCATE 10,24:PAPER 2:PRINT"
      ":PAPER 0:
2190 PEN#2,0:LOCATE#2,7,6:PRINT#2,CHR$(I+63);RIGHT
$(STR$(J-1),1)
2200 LET A$=CHR$(I+63)+RIGHT$(STR$(J-1),1)
2210 GOTO 790
2220 FOR L=-1 TO 1
2230 FOR M=-1 TO 1
2240 IF A(I+L,J+M)=BB THEN GOTO 2290
2250 NEXT M
2260 NEXT L
2270 LET W(I,J)=-4
2280 RETURN
2290 REM
2300 FOR L=J+1 TO 10
2310 IF A(I,L)=0 THEN GOTO 2380
2320 IF A(I,L)=AA THEN GOTO 2340
2330 NEXT L
2340 IF L=J+1 THEN GOTO 2380
2350 FOR M=J+1 TO L-1
2360 LET W(I,J)=W(I,J)+1
2370 NEXT M
2380 FOR L=J-1 TO 1 STEP -1
2390 IF A(I,L)=0 THEN GOTO 2460
2400 IF A(I,L)=AA THEN GOTO 2420
2410 NEXT L
2420 IF L=J-1 THEN GOTO 2460
2430 FOR M=J-1 TO L+1 STEP-1
2440 LET W(I,J)=W(I,J)+1
2450 NEXT M
2460 FOR L=I+1 TO 10
2470 IF A(L,J)=0 THEN GOTO 2540
2480 IF A(L,J)=AA THEN GOTO 2500
2490 NEXT L
2500 IF L=I+1 THEN GOTO 2540
2510 FOR M=I+1 TO L-1
2520 LET W(I,J)=W(I,J)+1
2530 NEXT M
2540 FOR L=I-1 TO 1 STEP -1
2550 IF A(L,J)=0 THEN GOTO 2620
2560 IF A(L,J)=AA THEN GOTO 2580
2570 NEXT L
2580 IF L=I-1 THEN GOTO 2620
```

```
2590 FOR M=I-1 TO L+1 STEP -1
2600 LET W(I,J)=W(I,J)+1
2610 NEXT M
2620 LET Z=1
2630 LET M=J+Z
2640 LET L=I-Z
2650 IF L=1 OR M=10 THEN GOTO 2760
2660 IF A(L,M)=0 THEN GOTO 2760
2670 IF A(L,M)=AA THEN GOTO 2700
2680 LET Z=Z+1
2690 GOTO 2630
2700 IF Z=1 THEN GOTO 2760
2710 FOR V=1 TO Z-1
2720 LET L=I-V
2730 LET M=J+V
2740 LET W(I,J)=W(I,J)+1
2750 NEXT V
2760 LET Z=1
2770 LET L=I+Z
2780 LET M=J-Z
2790 IF L=10 OR M=1 THEN GOTO 2900
2800 IF A(L,M)=0 THEN GOTO 2900
2810 IF A(L,M)=AA THEN GOTO 2840
2820 LET Z=Z+1
2830 GOTO 2770
2840 IF Z=1 THEN GOTO 2900
2850 FOR V=1 TO Z-1
2860 LET L=I+V
2870 LET M=J-V
2880 LET W(I,J)=W(I,J)+1
2890 NEXT V
2900 LET Z=1
2910 LET L=I+Z
2920 LET M=J+Z
2930 IF L=10 OR M=10 THEN GOTO 3040
2940 IF A(L,M)=0 THEN GOTO 3040
2950 IF A(L,M)=AA THEN GOTO 2980
2960 LET Z=Z+1
2970 GOTO 2910
2980 IF Z=1 THEN GOTO 3040
2990 FOR V=1 TO Z-1
3000 LET L=I+V
3010 LET M=J+V
3020 LET W(I,J)=W(I,J)+1
3030 NEXT V
3040 LET Z=1
3050 LET L=I-Z
3060 LET M=J-Z
3070 IF L=1 OR M=1 THEN GOTO 3180
3080 IF A(L,M)=0 THEN GOTO 3180
3090 IF A(L,M)=AA THEN GOTO 3120
```

```

3100 LET Z=Z+1
3110 GOTO 3050
3120 IF Z=1 THEN GOTO 3180
3130 FOR V=1 TO Z-1
3140 LET L=I-V
3150 LET M=J-V
3160 LET W(I,J)=W(I,J)+1
3170 NEXT V
3180 IF W(I,J)=0 THEN LET W(I,J)=-8
3190 IF W(I,J)=-8 THEN RETURN
3200 IF I=J=2 THEN LET W(I,J)=W(I,J)+4
3210 IF I=J=9 THEN LET W(I,J)=W(I,J)+4
3220 IF I=2 AND J=9 THEN LET W(I,J)=W(I,J)+4
3230 IF I=9 AND J=2 THEN LET W(I,J)=W(I,J)+4
3240 IF I=2 THEN LET W(I,J)=W(I,J)+2
3250 IF I=9 THEN LET W(I,J)=W(I,J)+2
3260 IF J=2 THEN LET W(I,J)=W(I,J)+2
3270 IF J=9 THEN LET W(I,J)=W(I,J)+2
3280 IF I=3 OR I=8 THEN LET W(I,J)=W(I,J)-2
3290 IF J=3 OR J=8 THEN LET W(I,J)=W(I,J)-2
3300 IF W(I,J)>MX THEN LET MX=W(I,J)
3310 RETURN
3320 FOR X=29 TO 60
3330 NEXT X
3340 FOR Y=4 TO 37
3350 NEXT Y
3360 PAPER 2:CLS:BORDER 6:LOCATE 16,2:PEN 3:PRINT"
1 2 3 4 5 6 7 8"
3370 LET L=3
3380 FOR K=65 TO 72
3390 LET L=L+2
3400 LOCATE 13,L:PRINT CHR$(K)
3410 NEXT K
3420 FOR X=1 TO 18
3430 NEXT X
3440 FOR Y=12 TO 33
3450 NEXT Y
3460 PAPER 0:WINDOW#3,15,31,4,20:PAPER #3,0:CLS#3:
WINDOW#2,1,11,6,15:PAPER#2,3:PEN#2,0:CLS#2:LOCATE#
2,2,2:PRINT#2,"PLAYER="
3470 PLOT 0,160,0:DRAWR 174,0:DRAWR 0,159:DRAWR -1
74,0:DRAWR 0,-159
3480 LOCATE#2,2,6:PRINT#2,"MOVE:"
3490 LOCATE#2,2,8:PRINT#2,"LAST":LOCATE#2,3,9:PRIN
T#2,"MOVE:"
3500 RETURN
3510 REM
3520 FOR H=2 TO 9
3530 FOR G=2 TO 9
3540 PEN 1:PAPER 2:LOCATE 6,22:PRINT"W A I T   F O
R   R E S U L T"

```



```
3550 IF A(H,G)=1 THEN LET JJ=JJ+1
3560 IF A(H,G)=-1 THEN LET QQ=QQ+1
3570 LOCATE 1,22:PAPER 2:PRINT"
```

"

```
3580 NEXT G
3590 NEXT H
3600 PAPER 0:BORDER 0:PEN 3:CLS
3610 IF JJ>QQ THEN PRINT N$;" HAS WON THE GAME,";J
J;" TO ";QQ
3620 IF QQ>JJ THEN PRINT M$;" HAS WON THE GAME,";Q
Q;" TO ";JJ
3630 IF QQ=JJ THEN PRINT"THE GAME WAS A DRAW"
3640 LOCATE 6,3:PRINT"DO YOU WANT ANOTHER GAME ?"
3650 IF INKEY$="" THEN GOTO 3650
3660 LET EN=0
3670 IF INKEY$="Y" THEN RUN
3680 IF INKEY$="N" THEN END
3690 GOTO 3660
3700 REM
3710 BORDER 0:PAPER 0:PLOT 0,0,3:CLS:PEN 3:FOR G=-
100 TO 176 STEP 4:MOVE G,250:TAG:PRINT" O T H E L
L O";
3720 NEXT G:TAGOFF
3730 FOR F=1 TO 20:NEXT F
3740 REM
3750 REM
3760 LET K=0
3770 REM
3780 INK 2,15:PEN 2:LOCATE 1,15:PRINT"NUMBER OF PL
AYERS ?
```

1(AGAINST THE COMPUTER) OR 2 ?"

```
3790 LET A$=INKEY$
3800 IF A$<"1" OR A$>"2" THEN GOTO 3790
3810 LET PL=VAL(A$)
3820 IF PL=2 THEN GOTO 3870
3830 PRINT:INPUT"NAME, PLEASE ";M$
3840 PRINT:INPUT"THIS PLAYER TO GO FIRST ";Q$:IF L
EFT$(Q$,1)="Y" THEN LET MOV=0 ELSE LET MOV=1
3850 LET N$="AMSTRAD"
3860 GOTO 3900
3870 PRINT:INPUT" PLAYER 1 ";M$
3880 PRINT:INPUT"THIS PLAYER TO GO FIRST ";Q$:IF L
EFT$(Q$,1)="Y" THEN LET MOV=0 ELSE LET MOV=1
3890 PRINT:INPUT" PLAYER 2 ";N$
3900 CLS
3910 INK 2,6
3920 GOSUB 3320
3930 RETURN
```