

Line #	Statement(s)	Comments
1.		
2.		
3.		
4.	OTHELLO BY W+W	
5	: RETURN; CLEAR ; NT = 0	
8	FOR Z=1 TO 65 STEP 2; BOX 0, 0, Z, Z, 3; NEXT Z	
9	CY=38; PRINT " # OF PL AYERS?", #2, Q; Q=KN(1) ÷ 85+1; IF TR(1) GOTO 15	
10	GOTO 9	
15	CLEAR; FOR Z=0 TO 100; @(Z)=0 ; NEXT Z; T=1; FOR Z=1 TO 8; FO R W=1 TO 8; @(Zx10+W)=3; NEXT W; NEXT Z	
100	M=1; BC=RND (32) X 8; FC=BC+4+ RND (32) X 8; @(44)=1; @(55)=1 ; @(54)=2; @(45)=2	
240	R=65; FOR Z=-28 TO 28 STEP 8; FOR Y=-38 TO 38 STEP 76; CX=Z ; CY=Y; TV=R; CX=Y; CY=Z; PRINT #1, 73-R; NEXT Y; R=R+1; NEXT Z	
250	FOR X=-32 TO 32 STEP 8; BOX X 0, 1, 64, 1; BOX 0, X, 64, 1, 1; N EXT X; FOR L=44 TO 55; A=@(L); IF A<3 IF A>0 GOSUB 1000	
350	NEXT L; S=4	
390	IF S=64 GOTO 8	
400	IF M=1 IF Q=0 M=2; R=1; GOTO 5 000	
410	IF M=2; IF Q<2 M=1; R=2; GOTO 5000	

check on

Line #	Statement(s)	Comments
--------	--------------	----------

450	Z=0; IF TR(M) GOTO 450	
-----	------------------------	--

460	CY=9; PRINT #1, M, "?",	
-----	-------------------------	--

480	IF JY(M) Z=KN(M) ÷ 28 + 4	
-----	---------------------------	--

481	Y=KN(M) ÷ 32 + 5; IF Z=0 Y=0; PRINT "00"; GOTO 484	
-----	--	--

483	TV=Z+64; PRINT #1, 9-Y	
-----	------------------------	--

484	IF TR(M) Z=Z×10+Y; GOTO 500	
-----	-----------------------------	--

485	GOTO 460	
-----	----------	--

500	U=0; IF Z=0 GOTO 1140	
-----	-----------------------	--

520	A=@(Z); IF A<3 IF A>0 GOTO 450	
-----	--------------------------------	--

530	IF M=1 M=2; R=1; GOTO 590	
-----	---------------------------	--

540	M=1; R=2	
-----	----------	--

590	@(Z)=M; A=M; S=S+1; L=Z; GOSUB 1000	
-----	-------------------------------------	--

630	FOR W=-1 TO 1; FOR V=-1 TO 1; N=W×10+V; L=Z; GOSUB 2000; NEXT V; NEXT W	
-----	---	--

740	IF Q<2 IF T=2 GOTO 5020	
-----	-------------------------	--

755	IF U=0 @(Z)=3; A=3; L=Z; S=S-1; GOTO 1000	
-----	---	--

760	GOTO 4000	
-----	-----------	--

1000	B=L; O=0; E=B÷10; D=B-E×10; Y=-36+D×8; X=-36+E×8; NT=3; MU=M×2; NT=0; IF A=2 GOTO 1200	
------	--	--

1060	IF A=3 GOTO 1300	
------	------------------	--

check on

Line #	Statement(s)	Comments
1100	BOX X, Y, 5, 5, 1; BOX X, Y, 3, 3, 3; BOX X, Y, 1, 1, 3; A=2; RETURN	
1140	O=O+1; IF O>1 GOTO 8	
1150	IF M=1 M=2; GOTO 390	
1160	M=1; GOTO 390	
1200	BOX X, Y, 5, 5, 1; A=1; RETURN	
1300	BOX X, Y, 5, 5, 2; GOTO 1150	
2000	P=0	
2010	L=L+N; A=@(L); IF A=R P=1; GOTO 2010	
2020	IF A=M IF T=2 RETURN	
2030	IF A=0 RETURN	
2040	IF A=3 IF P=1 IF T=2 GOTO 7000	
2060	IF A=3 RETURN	
2110	L=L-N; A=@(L); IF A=R U=1; @(L)=M; A=M; GOSUB 1000	
2130	IF A=N RETURN	
2140	GOTO 2110	
4000	T=0; FOR Z=11 TO 88; IF @(Z)=2 T=T+1	
4020	NEXT Z; CY=-15; PRINT "#1=", #2, T; PRINT "#2=", #2, S-T	
4500	GOTO 390	

Line #	Statement(s)	Comments
5000	CY=1; PRINT "HMM."; F=0; T=2; ; H=-3; X=0; FOR Z=1 TO 88; IF @(Z)=M X=X+1; GOTO 630	
5020	IF X>9 IF H>-2 Z=89	
5030	NEXT Z; IF H=-3 T=1; M=2; CY=1 ; PRINT #1, R, " 00"; NT=3; FO R Z=1 TO 15; MU=61; NEXT Z; NT =0; GOTO 1140	
5040	GOTO 8000	
7000	G=0; K=L/10; J=L-K*10; IF (J= 1)+(J=8) G=G+1	
7010	IF (K=1)+(K=8) G=G+1	
7020	IF (J=2)+(J=7) G=G-1	
7030	IF (K=2)+(K=7) G=G-1	
7040	IF G<H RETURN	
7050	IF G>H H=G; F=L; GOTO 7200	
7060	IF RND (2)=1 F=L	
7200	IF S>4 Z=89	
7210	RETURN	
8000	@(F)=M; S=S+1; A=M; I=F/10; K= F-I*10; CY=1; PRINT #1, R, " "; TV=I+64; PRINT #1, 9-K; L= F; GOSUB 1000; Z=L; T=1; GOTO 630	