W&W Collection

Page 1 and 8 are missing, so I've placed this page here, and a placeholder for page 8. If these pages pop up in the future, then someone should insert them here.

Adam

```
 50 CLEAR ;X=-64;Y=28;FOR Z=0TO 3;CX=X;CY=Y;PRINT #1,Z;Y=Y-12;NEXT Z
 60 X=-54;Y=28;C=0;FOR Z=1TO 40;BOX X,Y,11,11,1;X=X+12;IF X>54X=-54;Y=Y-12
100 NEXT Z
101 X=-53;Y=-20;FOR Z=0TO 9;CX=X;CY=Y;PRINT #1,Z;X=X+12;NEXT Z
105 BOX 0,10,123,51,3
106 BOX 0,10,121,49,3
110 T=T+1;IF T=U+1T=1
130 CY=-30;PRINT "PLAYER #",#2,T
131 CY=-30;CX=10;PRINT "MOVE #1";O=2;E=0;F=0;G=0
132 IF TR(T)GOTO 132
133 IF JY(T)=1E=KN(T)c64+2;GOTO 135
134 F=KN(T)c24+5;IF F>9F=9
135 CY=-30;CX=60
136 PRINT #1,E,F
137 IF TR(T)E=Eb10+F;GOTO 210
138 GOTO 133
140 CY=-30;CX=10;PRINT "MOVE #2
141 IF JY(T)=1F=KN(T)c64+2;GOTO 143
142 G=KN(T)c24+5;IF G>9G=9
143 CY=-30;CX=60
144 PRINT #1,F,G
145 IF TR(T)F=Fb10+G;GOTO 147
146 GOTO 141
147 IF TR(T)GOTO 147
148 IF E=F F=0;GOTO 141
149 GOTO 240
150 CY=40;PRINT "#1=",#1,A,"  #2=",B,"     #3=",C,"   #4=",W
160 IF L=2GOTO 900
165 IF U=1GOTO 130
170 GOTO 110
180 D=RND (40)-1
190 IF @(D)>0GOTO 180
200 @(D)=C;@(D+40)=C;RETURN
210 IF TR(T)GOTO 210
212 G=E;IF @(G)=0GOTO 130
215 O=0;F=0
220 P=11;Q=2;GOSUB 500
230 GOTO 140
240 G=F;IF @(G)=0F=0;GOTO 140
245 O=0
250 GOSUB 500
255 BOX 0,-30,160,14,2
260 IF @(E)=@(F)GOTO 320
270 CX=-80;CY=-30;PRINT "NO MATCH!"
271 FOR Z=1TO 500;NEXT Z
274 U=0
275 O=1
280 G=E;P=11;Q=1
290 GOSUB 500
300 G=F;GOSUB 500
310 GOTO 110
320 O=0;CX=-80;CY=-30;PRINT "CORRECT!"
321 NT=10
322 MU=49;MU=51;MU=53;MU="b";MU=49;MU=48;MU=53;MU="b";MU=49;MU=48;MU=48;MU=48;M
U=48
323 NT=0
329 U=1
330 @(E)=0;@(F)=0
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```
335 O=1
340 G=E;P=11;Q=1
350 GOSUB 500
360 G=F;GOSUB 500
370 IF T=1A=A+1
375 IF T=3C=C+1
376 IF T=4W=W+1
380 IF T=2B=B+1
390 R=0
400 FOR Z=0TO 39
410 IF @(Z)>0R=R+1
420 NEXT Z;IF R=0L=2
430 GOTO 150
500 X=-54;Y=28
510 M=Gc10;N=G-Mb10;X=X+Nb12;Y=Y-Mb12
520 IF O=1BOX X,Y,P,P,Q
525 IF O=0O=2;BOX X,Y,P,P,Q
530 IF O=2CX=X;CY=Y;TV=@(G)
535 IF O=1IF U=1BOX X,Y,9,9,2
540 RETURN
900 FOR Z=0TO 39;@(Z)=@(Z+40);NEXT Z
910 FOR G=0TO 39;O=0;P=11;Q=2;GOSUB 500;NEXT G
1000 IF TR(1)GOTO 10
1010 GOTO 1000


SPACE CHASE
  5 O=0;E=0
 10 &(23)=255
 20 CLEAR
 30 BC=0;FC=26
 40 NT=0
 50 FOR Z=1TO 50
 60 BOX RND (160)-80,RND (88)-44,1,1,1
 70 NEXT Z
 80 F=50;G=50
 90 A=-45;B=15
100 X=40;Y=-10
110 GOSUB 1000
130 CY=44
140 PRINT #8,F,#10,G
150 GOSUB 4000
160 IF F>0IF JX(1)#0F=F-1;A=A+JX(1)b10;&(21)=255
170 IF F>0IF JY(1)#0F=F-1;B=B+JY(1)b10;&(21)=255
180 GOSUB 4000
190 IF F>3IF TR(1)=1F=F-3;GOSUB 1200
200 IF F>10IF KN(1)>0F=F-2
210 GOSUB 5000
220 IF G>0IF JX(2)#0G=G-1;X=X+JX(2)b10;&(21)=255
230 IF G>0IF JY(2)#0G=G-1;Y=Y+JY(2)b10;&(21)=255
240 GOSUB 5000
245 IF F<1IF G<1GOTO 10
250 IF G>3IF TR(2)=1G=G-3;GOSUB 1300
260 IF G>10IF KN(2)>0G=G-2
270 IF JX(1)=0IF JY(1)=0GOTO 290
280 GOTO 130
290 IF JX(2)=0IF JY(2)=0&(21)=0
300 GOTO 130
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 310 IF L=0IF M=0&(21)=0
 320 GOTO 130
1000 C=X;D=Y
1010 FOR Z=1TO 2
1040 BOX X,Y,3,1,3
1050 BOX X+2,Y,1,5,3
1060 BOX X-2,Y,1,5,3
1070 X=A;Y=B
1080 NEXT Z
1090 X=C;Y=D
1100 RETURN
1200 T=20
1210 IF A>X T=-20
1215 NT=3
1220 FOR Z=1TO 10
1230 BOX A+T,B,40,1,3
1235 MU="V"
1240 NEXT Z
1245 NT=0
1250 IF X>A-40IF X<A+40GOTO 1270
1260 RETURN
1270 IF Y>B-6IF Y<B+6GOTO 1290
1280 RETURN
1290 GOTO 1400
1300 T=20
1310 IF X>A T=-20
1315 NT=3
1320 FOR Z=1TO 10
1330 BOX X+T,Y,40,1,3
1335 MU="W"
1340 NEXT Z
1345 NT=0
1350 IF A>X-40IF A<X+40GOTO 1370
1360 RETURN
1370 IF B>Y-6IF B<Y+6GOTO 1390
1380 RETURN
1390 GOTO 1500
1400 BOX X,Y,15,15,3
1401 IF G>10IF KN(2)>0G=G-10;BOX X,Y,15,15,3;RETURN
1405 BOX X,Y,15,15,2
1406 O=O+1
1410 &(21)=0
1415 CY=0;PRINT "ORK",#3,O,"    ELK",#3,E
1420 IF &(22)=16GOTO 10
1430 GOTO 1420
1500 BOX A,B,15,15,3
1505 IF F>10IF KN(1)>0F=F-10;BOX A,B,15,15,3;RETURN
1510 BOX A,B,15,15,2
1515 E=E+1
1520 GOTO 1410
4000 BOX A,B,3,1,3
4030 BOX A+2,B,1,5,3
4040 BOX A-2,B,1,5,3
4050 RETURN
5000 BOX X,Y,3,1,3
5030 BOX X+2,Y,1,5,3
5040 BOX X-2,Y,1,5,3
5050 RETURN
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```
SLOT MACHINE
    7 NT=0;VA=15;VR=0;GOTO 5160
    9 PRINT "MONEY IN PLAY = $",#1,M,".",N,;IF N=0PRINT "0
   10 PRINT ;RETURN
   20 M=5;N=0;CLEAR
   80 BC=RND (32)b8;FC=BC+4+RND (32)b8
   90 J=0;A=0;B=0;C=0;D=0;H=0;O=0;S=0
  120 CY=35;GOSUB 9
  126 IF M=0IF N=0GOTO 5100
  127 IF (JY(1))+(E)E=0;GOTO 170
  128 GOTO 127
  170 N=N-25;IF N<0N=75;M=M-1
  175 CY=35;GOSUB 9
  181 BOX 0,0,110,33,1;BOX 0,-32,160,22,2
  182 FOR X=-35TO 35STEP 35;BOX X,0,33,29,2;NEXT X
  200 X=-35;Y=0;GOSUB 6000;X=0;D=D+1;GOSUB 6000;X=35;D=D+1;GOSUB 6000
  360 I=11;IF H=3GOTO 5000
  380 I=13;IF (O=3)+(O=2)b(J=1)GOTO 5000
  420 I=15;IF (B=3)+(B=2)b(J=1)GOTO 5000
  440 I=18;IF (S=3)+(S=2)b(J=1)GOTO 5000
  460 I=20;IF (A=3)+(A=2)b(J=1)GOTO 5000
  480 I=3;IF H=1GOTO 5000
  500 I=5;IF H=2GOTO 5000
  510 IF J=3GOTO 7000
  523 CX=-7;CY=-30
  525 PRINT "LOSE";FOR Z=30TO 60;TA=Z;NEXT Z;TA=0
  540 GOTO 80
 2010 A=A+1;GOSUB 3000;RETURN
 2020 S=S+1;GOSUB 3020;RETURN
 2030 B=B+1;GOSUB 3060;RETURN
 2040 O=0+1;GOSUB 3140;RETURN
 2050 GOSUB 4000;RETURN
 2060 GOSUB 4100
 2065 C=C+1;GOTO 2090
 2070 J=J+1;GOSUB 4200;RETURN
 2090 IF C=1IF D=0H=H+1
 2100 IF C=2IF D=1H=H+1
 2110 IF C=3H=3
 2120 RETURN
 3000 BOX X,Y,25,11,3;BOX X-9,Y,1,9,3;BOX X+9,Y,1,9,3;RETURN
 3020 LINE X,Y+12,0;LINE X-9,Y-12,1;LINE X+12,Y+3,1
 3035 LINE X-12,Y+3,1;LINE X+9,Y-12,1;LINE X,Y+12,1;RETURN
 3060 BOX X,Y,3,19,1;BOX X,Y,7,13,1;BOX X,Y-1,11,11,1
 3075 BOX X,Y-2,15,9,1;BOX X,Y-2,17,7,1;BOX X,Y-5,21,2,1;RETURN
 3140 BOX X,Y,21,7,3
 3150 BOX X,Y,7,21,3
 3200 RETURN
 4000 BOX X,Y,25,1,1;BOX X,Y,23,5,1;BOX X,Y,21,7,1;BOX X,Y,19,9,1
 4040 BOX X,Y,15,11,1;BOX X,Y,9,13,1;RETURN
 4100 BOX X-8,Y-2,7,7,1;BOX X-2,Y-8,7,7,1;BOX X+8,Y-7,7,7,1
 4130 LINE X-8,Y+2,0;LINE X+6,Y+11,1;LINE X-2,Y-4,1;LINE X+6,Y+11,1;LINE X+8,Y-3,
 1;RETURN
 4200 CX=X-11;CY=Y;;PRINT "JOKER",;RETURN
 5000 CX=-7;CY=-30
 5001 PRINT "WIN!"
 5003 VR=RND (255);TA=RND (50)+20;FOR Z=1TO 999;NEXT Z;TA=0;VR=0
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5007 IF A=3IF RND (5)=3GOTO 7000
5010 PRINT "PAYOFF = ",#1,I,":1
5020 N=N+Ib25
5030 IF N>75N=N-100;M=M+1;GOTO 5030
5060 GOTO 80
5100 CY=27;PRINT "YOU HAVE GONE BROKE!
5150 GOSUB 6000;GOSUB 6000
5160 CLEAR ;PRINT "**** SLOT  MACHINE *****";PRINT
5161 PRINT "THIS IS A 25 CENT SLOT    MACHINE.
5162 PRINT "PULL TRIGGER TO START!
5163 PRINT "YOU BEGIN WITH $5.
5165 PRINT
5170 PRINT "NEXT PLAYER PLEASE!"
5180 IF TR(1)E=1;GOTO 20
5190 GOTO 5180
6000 FOR Z=1TO 16;BOX (RND (3)-2)b35,0,31,27,3;NEXT Z;BOX X,0,33,29,2;GOSUB 2000
+RND (7)b10;RETURN
7000 VA=15;CY=-38;CX=0;PRINT "JACKPOT!!!
7010 FOR Z=255TO 30STEP -1;TA=Z;NEXT Z
7015 FOR Z=1TO 50;&(9)=Z;&(10)=Zb3+30;BC=RND (256);FC=BC+4+RND (32)b8;NEXT Z
7020 FOR Z=30TO 255;TA=Z;NEXT Z
7030 M=M+10;TA=0;GOTO 80


GAME OF LIFE
  10 CLEAR
  20 FOR Z=0TO 399;@(Z)=0;NEXT Z
  30 INPUT "# OF INITIAL CELLS?"L;PRINT "INPUT LOCATIONS:  [CENTER IS 190]
  40 FOR Z=1TO L;PRINT Z,;INPUT "?"K;@(K)=3;NEXT Z
  45 CLEAR ;G=0
  50 A=0;B=19;C=0;D=19;GOTO 85
  60 FOR X=ATO B;FOR Y=CTO D;E=Xb20+Y;IF @(E)>9GOSUB 1000
  70 NEXT Y;NEXT X
  80 A=J-1;B=I+1;C=L-1;D=K+1
  85 J=20;I=0;L=20;K=0;T=0;S=0;U=0;BC=RND (256);FC=BC+12
  90 FOR X=ATO B;FOR Y=CTO D;E=Xb20+Y;IF @(E)=3@(E)=10;GOTO 2000
 100 IF @(E)=13@(E)=10;T=1;GOTO 130
 110 IF @(E)=14@(E)=10;T=1;GOTO 130
 120 IF @(E)>10GOTO 3000
 125 @(E)=0
 130 NEXT Y;NEXT X;G=G+1;CY=40;PRINT #3,G;IF (U=0)b(T=1)b(S=0)GOTO 160
 140 IF (T=1)+(S=1)GOTO 60
 150 PRINT ;PRINT ;PRINT ;PRINT "LIFE IS TERMINATED!!";STOP
 160 PRINT "LIFE IS STATIC!";STOP
1000 IF X<J J=X
1010 IF X>I I=X
1020 IF Y<L L=Y
1030 IF Y>K K=Y
1040 FOR M=-2TO 2STEP 2;FOR N=-1TO 1;O=Mb10+N;@(E+O)=@(E+O)+1;NEXT N;NEXT M;RETU
RN
2000 S=1;BOX -40+Yb4,-40+Xb4,3,3,1;GOTO 130
3000 U=1;BOX -40+Yb4,-40+Xb4,3,3,2;GOTO 125


MATH QUIZ
   2 .
   3 .
   4 .
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   5 .MATH QUIZ
   8 W=5
  10 CLEAR
  12 BC=RND (256);FC=BC+11
  15 Q=0;T=0
  30 A=RND (W)+5
  35 IF Q=10GOTO 2000
  40 B=RND (W)+5
  50 S=RND (4)
  52 Q=Q+1
  55 N=0
  60 IF S=1GOTO 200
  70 IF S=2GOTO 300
  80 IF S=3GOTO 400
  90 PRINT A,#1,"+",B,"=",
 100 INPUT "?"C
 110 IF C=A+BIF N=0T=T+1;PRINT "RIGHT!";GOTO 30
 115 IF C=A+BGOTO 3000
 120 N=N+1
 130 IF N<3GOTO 90
 140 Y=A+B;GOSUB 1000
 150 GOTO 30
 200 PRINT A,#1,"-",B,"=",
 210 INPUT "?"C
 220 IF C=A-BIF N=0T=T+1;PRINT "CORRECT!";GOTO 30
 225 IF C=A-BGOTO 3000
 230 N=N+1
 240 IF N<3GOTO 200
 250 Y=A-B;GOSUB 1000
 260 GOTO 30
 300 PRINT A,#1,"b",B,"=",
 310 INPUT "?"C
 320 IF C=AbBIF N=0T=T+1;PRINT "GOOD!";GOTO 30
 325 IF C=AbBGOTO 3000
 330 N=N+1
 340 IF N<3GOTO 300
 350 Y=AbB;GOSUB 1000
 360 GOTO 30
 400 PRINT AbB,#1,"c",A,"=",
 410 INPUT "?"C
 420 IF C=BIF N=0T=T+1;PRINT "TERRIFIC!";GOTO 30
 425 IF C=BGOTO 3000
 430 N=N+1
 440 IF N<3GOTO 400
 450 Y=B;GOSUB 1000
 460 GOTO 30
1000 PRINT "THE CORRECT ANSWER IS ",#1,Y
1010 RETURN
2000 PRINT "TOTAL NUMBER CORRECT OUT  OF 10 =",#3,T
2010 FOR Z=1TO 1000
2020 NEXT Z
2030 IF T>7W=W+1
2040 IF T<5W=W-1
2050 IF W<1W=1
2060 GOTO 10
3000 PRINT "YOU GOT IT!"
3010 GOTO 30
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                    W&W Collection
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This is a placeholder for page 8. Until it is found, this is all that
I can offer...

Adam

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 35 IF (M<1)+(M>12)+(D<1)+(D>31)+(Y>C)PRINT "ILLEGAL ENTRY!";GOTO 30
 36 O=M;R=D;V=Y
 37 &(9)=210
 38 F=BC+4+RND (32)b8;G=F+4+RND (32)b8
 39 &(1)=F;&(0)=F;&(2)=G;&(3)=G
 40 T=C-Y;Y=Tb365+(Tb25c100)+(B-D);U=A-M;M=Ub30+(Ub55c100)
 50 T=Y+M-18;D=Tc33;I=RM;D=Tc28;E=RM;D=Tc23;P=RM
 60 CLEAR ;BOX -5,0,143,1,1
 65 PRINT #1,O,"-",R,"-",V,#10,A,"-",#1,B,"-",C
 70 D=1;F=1;G=1;IF I>16I=33-I;D=-1
 80 IF E>=14E=28-E;F=-1
 90 IF P>11P=23-P;G=-1
100 FOR X=-80TO 68STEP 4
120 I=I+D;IF I=0D=1
130 A=(27225-((165-Ib20)b(165-Ib20)))c1000
140 IF A<0D=-1;GOTO 120
150 A=AbD
160 E=E+F;IF E=0F=1
170 B=(19600-((140-Eb20)b(140-Eb20)))c725
180 IF B<0E=E-1;F=-1;GOTO 160
190 B=BbF
200 P=P+G;IF P=0G=1
210 C=(13225-((115-Pb20)b(115-Pb20)))c485
220 IF C<0G=-1;GOTO 200
230 C=CbG
233 IF X=-8GOSUB 1000
235 IF X=-80CX=X;CY=A;PRINT "I";CX=X;CY=B;PRINT "E";CX=X;CY=C;PRINT "P";GOTO 26
0
236 IF (X=-8)+(X=68)CX=X+1;CY=A;PRINT "I";CX=X+1;CY=B;PRINT "E";CX=X+1;CY=C;PRI
NT "P";GOTO 260
237 IF X=-76GOTO 260
250 LINE N,J,0;LINE X,A,1;LINE N,K,0;LINE X,B,1;LINE N,L,0;LINE X,C,1
255 BOX X,0,1,65,1
260 J=A;K=B;L=C;N=X
265 IF X=-8Q=((A+B+C)c3)b2+54;CX=-7;CY=34;PRINT "'";IF Q>100Q=100
266 IF (A=0)+(B=0)+(C=0)CX=X+1;CY=-32;PRINT "↑
270 NEXT X
280 CY=-39;PRINT "TODAY'S INDEX = ",#1,Q
290 BC=RND (32)b8;FC=BC+4+RND (32)b8;IF &(22)=16GOTO 10
300 F=BC+4+RND (32)b8;G=F+4+RND (32)b8;&(1)=F;&(0)=F;&(2)=G;&(3)=G;GOTO 290
1000 FOR W=1TO 65STEP 5;BOX X,0,1,W,3;NEXT W;RETURN


ALIEN PATROL
 20 BC=5;FC=33;F=1006;T=5;S=0;Q=1
 70 FOR Z=0TO 60;@(Z)=0;NEXT Z
100 FOR Z=1TO RND (30)
110 A=RND (3)
120 B=RND (60)
130 IF @(B)>0GOTO 120
140 @(B)=A;NEXT Z
160 CLEAR ;A=1
170 GOSUB 300
180 GOSUB 5000
190 GOTO 6000
200 BOX 0,-14,160,52,2;RETURN
300 P=RND (3)-2;M=0;C=RND (80)+9
310 FOR Z=1TO 60;IF @(Z)=3M=M+1
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 320 NEXT Z
 340 IF M=0PRINT "ALL ALIENS DESTROYED!";PRINT "RETURN TO BASE!";A=2
 360 RETURN
1000 Q=Qb(-1);S=S+Q
1030 IF S>60S=60;D=0
1040 IF S<0S=0
1050 F=F-10;IF F<0GOTO 5000
1070 GOSUB 5000
1080 IF S=0D=0;GOTO 1110
1090 IF D=1GOTO 2000
1100 GOTO 6000
1110 IF F>0IF M=0PRINT "YOU WON!";GOTO 20
1120 GOTO 6000
2000 F=F-5
2020 IF @(S)=0GOTO 2500
2025 NT=3
2030 IF @(S)=1GOTO 2600
2040 IF @(S)=2GOTO 2700
2050 PRINT "ALIEN SHIP IN SECTOR!"
2060 IF T>0PRINT "SUB-SECTOR",#9,C
2070 X=RND (2);IF X=2GOTO 2120
2080 IF X=1PRINT "ALIEN HAS FIRED MISSLE!"
2090 X=RND (3);IF X=1PRINT "YOU HAVE BEEN HIT!";F=F-100
2110 IF A=1IF X=1GOTO 2610
2115 IF X=1IF A=2GOTO 9000
2117 PRINT "HE MISSED!"
2120 IF T<1GOTO 2530
2130 IF D=1D=0;GOTO 3003
2140 GOTO 3000
2500 PRINT "SECTOR EMPTY!"
2530 IF D=1S=S+Q;GOTO 1030
2540 GOTO 180
2600 PRINT "METEOR STORM!"
2610 E=RND (2);IF E=1PRINT "HEAVY",;F=F-50
2630 IF E=2PRINT "LIGHT",;F=F-10
2660 PRINT " DAMAGE!";GOSUB 5000
2665 IF X=1D=0;X=0
2670 GOTO 2530
2700 PRINT "FUEL STATION!";IF T=0T=5;D=0;GOTO 2750
2705 IF M=0GOTO 2750
2710 IF F>499GOTO 2530
2750 F=F+500
2760 IF F>1006F=1006
2775 @(S)=0;IF D=1GOTO 2530
2780 GOTO 180
3000 INPUT "INPUT SUB-SECTOR"L;GOTO 3005
3003 L=C;PRINT "FIRE MISSLE!";GOSUB 310
3005 CY=0;T=T-1;C=C+P
3010 GOSUB 200
3020 IF L=CPRINT "ALIEN DESTROYED!";@(S)=0;GOTO 170
3030 PRINT "MISSED!";GOSUB 5020
3050 GOTO 2060
5000 NT=0
5020 CY=44;F=F-1;IF A=1F=F-5
5030 IF F<100A=2
5040 PRINT "LOCATION:SECTOR",#4,S
5050 PRINT "SHIELDS ",
5060 IF A=1PRINT "UP"
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5070 IF A=2PRINT "DOWN"
5080 IF M#0PRINT "MISSLES:",#11,T
5083 IF M=0PRINT "FUEL NEEDED:",#7,Sb16
5085 IF F<0F=0
5090 PRINT "FUEL:",#14,F
5095 GOSUB 200
5100 IF F<1GOTO 9000
5103 IF M>0IF A=2PRINT "DANGER!"
5105 IF T=0PRINT "FIND FUEL STATION!"
5110 IF F<200PRINT "FUEL LOW!"
5130 RETURN
6000 GOSUB 200
6003 IF S=60PRINT "OUTER LIMITS";GOTO 6010
6005 PRINT
6010 PRINT "1-COMPUTER CONTROL"
6020 PRINT "2-REVERSE"
6030 IF S=0PRINT "3-REFUEL"
6040 IF T>0IF @(S)=3PRINT "4-FIRE MISSLE"
6050 IF &(23)=8D=1;GOTO 2530
6060 IF &(22)=8D=1;GOTO 1000
6070 IF &(21)=8IF S=0GOTO 2750
6080 IF &(23)=4GOTO 3000
6100 GOTO 6050
9000 NT=9;PRINT "LIFE SUPPORTS FAILING!";PRINT "ALIENS HAVE WON!";GOTO 20


TIC TAC TOE
   3 .
   4 .
   5 .TIC TAC TOE
  10 CLEAR
  20 PRINT "DO YOU WISH TO GO FIRST?"
  30 INPUT "1 - YES     2 - NO"A
  40 G=0;H=0
  50 FOR Z=1TO 18
  60 @(Z)=0
  70 NEXT Z;NT=0;C=0;GOSUB 1000
  90 IF A=2A=1;GOTO 200
 100 A=2
 110 CY=-30
 120 PRINT "MOVE?",
 121 B=KN(1)c25+6
 122 IF B>9B=9
 123 PRINT #2,B
 124 IF TR(1)GOTO 130
 125 GOTO 110
 130 IF @(B)>0GOTO 110
 135 BOX -58,0,44,80,2
 140 @(B)=1;GOSUB 2000
 160 D=1;GOSUB 3000
 180 GOSUB 4000
 185 IF C=9GOTO 50
 190 GOSUB 5000
 195 IF C=9GOTO 50
 200 GOTO 6000
 220 IF @(B)>0GOTO 8050
 230 @(B)=5;GOSUB 2000
 240 D=5;GOSUB 3000
```

11

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260 GOSUB 4000
265 IF C=9GOTO 50
270 GOSUB 5000
275 IF C=9GOTO 50
280 GOTO 110
1000 BC=RND (256);FC=BC+11;CLEAR
1005 GOTO 1050
1010 BOX 0,0,3,60,1;BOX 20,0,3,60,1;BOX 10,10,60,3,1;BOX 10,-10,60,3,1;RETURN
1050 X=-10;Y=-20
1060 FOR Z=1TO 9
1070 CX=X;CY=Y
1080 PRINT #1,Z
1090 X=X+20
1100 IF X>30X=-10;Y=Y+20
1110 NEXT Z
1120 GOTO 1010
2000 X=-10;Y=-20
2010 J=@(B);K=B
2020 K=K-1
2030 IF K=0GOTO 2070
2040 X=X+20
2050 IF X>30X=-10;Y=Y+20
2060 GOTO 2020
2070 IF J=1BOX X,Y,11,11,2;LINE X-5,Y+5,0;LINE X+5,Y-5,1;LINE X-5,Y-5,0;LINE X+5
,Y+5,1;RETURN
2080 BOX X,Y,11,11,1
2090 BOX X,Y,9,9,2
2100 RETURN
3000 IF B=1@(10)=@(10)+D;@(13)=@(13)+D;@(16)=@(16)+D
3010 IF B=2@(10)=@(10)+D;@(14)=@(14)+D
3020 IF B=3@(10)=@(10)+D;@(15)=@(15)+D;@(17)=@(17)+D
3030 IF B=4@(11)=@(11)+D;@(13)=@(13)+D
3040 IF B=5@(11)=@(11)+D;@(14)=@(14)+D;@(16)=@(16)+D;@(17)=@(17)+D
3050 IF B=6@(11)=@(11)+D;@(15)=@(15)+D
3060 IF B=7@(12)=@(12)+D;@(13)=@(13)+D;@(17)=@(17)+D
3070 IF B=8@(12)=@(12)+D;@(14)=@(14)+D
3080 IF B=9@(12)=@(12)+D;@(15)=@(15)+D;@(16)=@(16)+D
3090 RETURN
4000 FOR Z=10TO 18
4010 IF @(Z)=3GOTO 9000
4020 IF @(Z)=15GOTO 9100
4030 NEXT Z
4040 RETURN
5000 C=0
5010 FOR Z=1TO 9
5020 IF @(Z)>0C=C+1
5030 NEXT Z
5040 IF C=9GOTO 9200
5050 RETURN
6000 FOR W=10TO 2STEP -8
6010 FOR Z=10TO 18
6020 IF @(Z)=WGOTO 7000
6030 NEXT Z
6040 NEXT W
6050 GOTO 8000
7000 IF Z=10B=RND (3);GOTO 7100
7010 IF Z=11B=RND (3)+3;GOTO 7100
7020 IF Z=12B=RND (3)+6;GOTO 7100
```

```
7030 IF Z=13B=RND (3)b3-2;GOTO 7100
7040 IF Z=14B=RND (3)b3-1;GOTO 7100
7050 IF Z=15B=RND (3)b3;GOTO 7100
7060 IF Z=16B=RND (3)b4-3;GOTO 7100
7070 IF Z=17B=RND (3)b2+1
7100 IF @(B))0GOTO 7000
7110 GOTO 230
8000 C=0
8010 FOR Z=1TO 9
8020 IF @(Z))0C=C+1
8030 NEXT Z
8050 IF C>4B=RND (9);GOTO 220
8060 B=RND (5)b2-1
8070 GOTO 220
9000 PRINT "YOU WIN!"
9005 C=9
9010 H=H+1
9020 PRINT "COMPUTER =",#3,G
9030 PRINT "   HUMAN =",#3,H
9040 FOR Z=1TO 2000
9050 NEXT Z
9060 RETURN
9100 PRINT "YOU LOSE TURKEY!"
9105 C=9
9110 G=G+1
9120 GOTO 9020
9200 PRINT "IT'S A DRAW!"
9210 GOTO 9040


MASTERMIND
   5 .MASTERMIND
   6 NT=0
  10 CLEAR ;BC=RND (32)b8;FC=BC+4+RND (32)b8
  20 PRINT "NEW GAME"
  30 FOR Z=10TO 19
  40 @(Z)=1
  50 NEXT Z
  60 FOR Z=1TO 4
  70 B=RND (9)
  75 IF @(B+10)=0GOTO 70
  80 @(B+10)=0
  90 @(Z)=B
 100 NEXT Z
 110 N=D
 120 PRINT "YOUR GUESS-VALUE-POSITION
 125 PRINT "    ",
 130 FOR Z=5TO 8
 140 @(Z)=KP
 150 TV=@(Z)
 160 NEXT Z
 170 N=N+1
 180 P=0
 190 V=0
 210 FOR W=1TO 4
 220 FOR Z=5TO 8
 230 IF @(Z)=@(W)+48IF W=Z-4P=P+1
 240 IF @(Z)=@(W)+48V=V+1
```

13

```
250 NEXT Z
260 NEXT W
270 FOR W=1TO 4
280 T=0
290 FOR Z=5TO 8
300 IF @(W)+48=@(Z)T=T+1
310 NEXT Z
320 IF T>1V=V-(T-1)
330 NEXT W
340 PRINT #7,V,P
360 IF P#4GOTO 125
370 PRINT "TOTAL GUESSES",#3,N
380 FOR Z=1TO 2000;NEXT Z;GOTO 10
```

CALENDAR

```
  9 S=1900;CLEAR ;NT=0
 10 BC=RND (32)b8;FC=BC+4+RND (32)b8;INPUT "MONTH?"M;INPUT "YEAR?"Y
 40 IF Y>SIF Y<S+88GOTO 50
 43 IF Y<S S=S-28;GOTO 40
 46 IF Y>S+88S=S+28;GOTO 40
 50 A=580;B=M
 70 B=B-1;A=A+30;IF B=0GOTO 100
 90 GOTO 70
100 B=Y;C=Y;H=0
103 C=C-100;IF C>0H=H+1;GOTO 103
105 C=19-H;IF C<0C=C+1
108 K=Y;GOSUB 2000;B=B-S;L=Bc4;D=Bb365+L;P=B-Lb4;IF J=1F=28;R=0;GOTO 170
150 IF P=0F=29;R=1
160 IF P#0F=28;R=0
170 N=0;G=950;E=M
190 E=E-1;IF E=0GOTO 240
210 G=G+20;GOSUB G;GOTO 190
240 D=D+N-R;B=Dc7;G=D-Bb7;G=G+2-J+C;IF G>7G=G-7
285 IF G<1G=G+7
290 FOR X=1TO 38;@(X)=0;NEXT X;V=0;CLEAR ;GOSUB A
350 PRINT Y;PRINT ;PRINT " S   M   T   W   T   F   S";PRINT
390 FOR X=GTO (G+C)-1;V=V+1;@(X)=V;NEXT X;W=1;Z=2
440 FOR X=1TO 38;IF @(X)=0Z=Z+4
460 IF @(X)=0GOTO 510
470 IF @(X)<10IF W=1Z=2
480 IF @(X)>9IF W=1Z=1
490 IF W=1GOSUB 560
500 IF W>1IF Z<3GOSUB 590
505 IF W>1IF Z>2GOSUB 560
510 W=W+1;IF W=8W=1
530 NEXT X
540 PRINT
550 GOTO 10
560 PRINT #Z,@(X),
570 Z=1
580 RETURN
590 PRINT #4,@(X),
600 RETURN
610 PRINT "    JANUARY    ",;C=31;RETURN
640 PRINT "    FEBRUARY   ",;C=F;RETURN
670 PRINT "     MARCH     ",;C=31;RETURN
700 PRINT "     APRIL     ",;C=30;RETURN
```

```
 730 PRINT "    MAY     ",;C=31;RETURN
 760 PRINT "    JUNE    ",;C=30;RETURN
 790 PRINT "    JULY    ",;C=31;RETURN
 820 PRINT "   AUGUST   ",;C=31;RETURN
 850 PRINT "  SEPTEMBER ",;C=30;RETURN
 880 PRINT "   OCTOBER  ",;C=31;RETURN
 910 PRINT "  NOVEMBER  ",;C=30;RETURN
 940 PRINT "   DECEMBER ",;C=31;RETURN
 970 N=N+31;RETURN
 990 N=N+F;RETURN
1010 N=N+31;RETURN
1030 N=N+30;RETURN
1050 N=N+31;RETURN
1070 N=N+30;RETURN
1090 N=N+31;RETURN
1110 N=N+31;RETURN
1130 N=N+30;RETURN
1150 N=N+31;RETURN
1170 N=N+30;RETURN
2000 N=Kc100;I=K-Nb100;IF  I#0J=0;RETURN
2030 I=Nc4;K=N-Ib4;IF  K#0J=1;RETURN
2060 J=0;RETURN
```

15