

Dodgems runs on an Acorn Atom in 3K. By John Dyson



0G.10000;dodgems by John dyson (LEEDS)

1G.20

2G.a

3G.30

4G.b

5G.40

6G.c

7G.50

8G.d

9G.60

10G.e

11G.70

12G.f

13G.80

14G.g

15G.90

16G.h

17IFG=16;G.h

20S=S+SGN(T-S);B=8*(6-S);M=7+8*S;G=2

21aA=A-E;M=M-E;IFM<F;G=3

22G.q

30A=8*(6-S);M=8*S;G=4

31bB=B-E;M=M-E;IFM<F;G=5

32G.q

40S=S+SGN(T-S);A=8*(6-S);M=8*S;G=6

41cB=B-E;M=M-E;IFM<F;G=7

42G.q

50B=88-(8*(5-S));M=8+8*S;G=8

51dA=A-E;M=M-E;IFM<F;G=9

52G.q

60S=S+SGN(T-S);B=88-(8*(5-S));M=8+8*S;G=10

61eA=A-E;M=M-E;IFM<F;G=11

62G.q

70A=104-(8*(5-S));M=8*S;G=12

71fB=B-E;M=M-E;IFM<F;G=13

72G.q

80S=S+SGN(T-S);A=104-(8*(5-S));M=8*S;G=14

81gB=B-E;M=M-E;IFM<F;G=15

82G.q

90B=8*(6-S);M=9+8*S;G=16

91hA=A-E;M=M-E;IFM<F;G=F

92G.q

100pPLOT13,X,Y;PLOT15,V,W

105IFX=A;IFY=B;G.20000

106IFV=A;IFW=B;G.20000

110V=X;W=Y;IFZ;Z=0;G.G

120IF?#B002(=0;Z=F;R.

130WAIT;WAIT;G.G

DODGEMS DODGEMS

DODGE

**HOW LONG CAN
YOU AVOID THE
COMPUTER'S CAR,
HELL BENT ON
DEADLY COLLISION.**

Dodgems is the Acorn Atom version of the "Head-on" collision game.

It's you against the computer, can you outwit it? You are driving a car around a circular series of tracks in an anti-clockwise direction.

But who is that lunatic driving around the same track clockwise? An American? A lunatic with suicidal tendencies? No it's the computer who is out to get you, before you can clear the screen of dots.

The screen is divided up into a series of concentric circles with a number of crossover points which



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allow you to switch lanes to avoid the computer's car.

These lanes are filled with dots and the object of the game is to run over as many dots as possible before the inevitable crash. Every dot adds to your score at the end of the game. The computer can switch lanes as well and it will be trying to guess which one you will be in as the two of you cross over each circuit.

Your safest tactic is to wait until the computer has already committed itself before switching to that crucial lane — but don't leave it too late!

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150qPLOT14,A,B;PLOT14,C,D;C=A;D=B;IFR.XH;R.
155IFX=A;IFY=B;G.20000
160G.G
200Y=8*(6-T);F.N=F T08+8*T S.E;X=X+E;GOS.p;N.
220IFJ?(T+0);J?(T+0)=0;P=P+N;O=O-1;IFO=0;G.w
300X=104-(8*(5-T));F.N=F T08*T S.E;Y=Y+E;GOS.p;N.
320IFJ?(T+5);J?(T+5)=0;P=P+N;O=O-1;IFO=0;G.w
350GOS.k
400X=104-(8*(5-T));F.N=F T08*T S.E;Y=Y+E;GOS.p;N.
420IFJ?(T+10);J?(T+10)=0;P=P+N;O=O-1;IFO=0;G.w
500Y=88-(8*(5-T));F.N=F T08+8*T S.E;X=X-E;GOS.p;N.
520IFJ?(T+15);J?(T+15)=0;P=P+N;O=O-1;IFO=0;G.w
550GOS.k
600Y=88-(8*(5-T));F.N=F T08+8*T S.E;X=X-E;GOS.p;N.
620IFJ?(T+20);J?(T+20)=0;P=P+N;O=O-1;IFO=0;G.w
700X=8*(6-T);F.N=F T08*T S.E;Y=Y-E;GOS.p;N.
720IFJ?(T+25);J?(T+25)=0;P=P+N;O=O-1;IFO=0;G.w
750GOS.k
800X=8*(6-T);F.N=F T08*T S.E;Y=Y-E;GOS.p;N.
820IFJ?(T+30);J?(T+30)=0;P=P+N;O=O-1;IFO=0;G.w
900Y=8*(6-T);F.N=F T08+8*T S.E;X=X+E;GOS.p;N.
920IFJ?(T+35);J?(T+35)=0;P=P+N;O=O-1;IFO=0;G.w
950GOS.k
1000G.200
2000kIF?#B001&#40=0;IFT>F;T=T-F
2010IF?#B001<128;IFT<5;T=T+F
2050R.
100000=42;P=0;@=4;DIHL8,I64;L="G.11240";?16=L;?17=L&#FFFF/256
11110P.#12;DOP." "U.C.=7;P."DODGEMS BY J.DYSON"
11111IFP;P."YOUR SCORE WAS"(P-(43-0)*4)/8
11112IFP>1159;P."WELL DONE TRY THIS";E=E*2;LINK#FFE3;G.11125
11113IFP=0;P."CTRL=IN SHIFT=OUT"(ONLY FUNCTION IN :--- --)
11114IFP=0;P."---"THE CENTRE OF GAP:--- ^ ---"REPT=SPEED"
11115INPUT"SKILL LEVEL A,B,C"SI;SI+1="";IFSI="A" E=1;G.11125
11116IFSI="B" E=2;G.11125
11117IFSI="C" E=4;G.11125
11118IFSI="C" E=8;G.11125
11120G.11115
11125CLEAR3;COLOUR2;F.N=12T048 S.B
11130MOVE(48-N),(48-N)
11140PLOT1,N,0;PLOT0,16,0;PLOT1,N,0
11150PLOT1,0,(N-8);PLOT0,0,16;PLOT1,0,(N-8)
11160PLOT1,-N,0;PLOT0,-16,0;PLOT1,-N,0
11170PLOT1,0,(8-N);PLOT0,0,-16;PLOT1,0,(8-N)
11180N.;MOVE44,44;PLOT1,24,0;PLOT1,0,8;PLOT1,-24,0;PLOT1,0,-8
11200MOVE0,8;F.A=0T04;F.B=0T05;PLOT9,8,0;N.;PLOT8,8,0;F.B=0T05
11210PLOT9,8,0;N.;PLOT8,-104,8;N.
11220MOVE0,56;F.A=0T04;F.B=0T05;PLOT9,8,0;N.;PLOT8,8,0;F.B=0T05
11230PLOT9,8,0;N.;PLOT8,-104,8;N.
11240X=56;Y=8;V=X;W=Y;T=5;G=1;S=5;A=55;C=-1;F=1;F.R=1T01
11250H=5+R.X2;COLOUR1;P=0;O=T.+9;F.J=0T040;O?J=1;N.;J=T.+9;O=40
11300G.200
20000F.A=0T0400;?#B002=A;N.;N.R;;G.11110
20010W.N.R;G.11110

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