

Sheepdog Trials

There's no getting away from it, sheep are dumb. The pen in the middle of the screen is large enough for them all to be housed in comfort, but the wretched creatures are demonstrating an unpalatable degree of reticence. Your trusty collie is doing the best he can, but he requires a firm handling from you and your cursor control keys. As in life, time is running out, and this unusually difficult game will defeat you unless you manage to get all the sheep into the pen before the last second ticks away. If your best efforts are to no avail never fear . . . there's always the slaughter house!

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1  REM **SHEEPDOG TRIALS** *BBC VERSION**
2  REM**@ ERSKINE ** CONVERSION BY I.THOM
AS***
10  *FX12 2
20  *FX11 10
30  GOSUB820:GOSUB720:*FX4 1
40  CLS:INPUTTAB(0,20)"How many players ? "
A
50  DIMP(A),S(4,2):DX=15:DY=15
60  DD=1:RR=1:DIMR(2):R(1)=-1:R(2)=1
70  GOTO160
80  MODE1:COLOUR130:CLS:VDU28,4,27,35,4,19,
2,2;0;:COLOUR0
90  FORX=0TO21:PRINTTAB(0,X)CHR$229;TAB(31,
X)CHR$228:NEXT
100 FORX=6TO9:PRINTTAB(10,X)CHR$229;TAB(20,
X)CHR$228:NEXT
110 FORX=11TO19:PRINTTAB(X,5)CHR$230;TAB(X,
10)"_":NEXT
120 COLOUR2::PRINTTAB(15,10)"  "
130 COLOUR0:PRINTTAB(10,5)CHR$231;TAB(20,5)
CHR$232;TAB(10,10)CHR$233;TAB(20,10)CHR$234
140 FORX=0TO31:PRINTTAB(X,0)"_";TAB(X,21)CH
R$230:NEXT
150 RETURN
160 FORT=1TOA:*FX15
170  GOSUB80
180  SC=0:S(1,1)=3:S(1,2)=15:S(2,1)=3:S(2,
2)=16:S(3,1)=4:S(3,2)=15:S(4,1)=4:S(4,2)=16
190  COLOUR3:PRINTTAB(0,22)"Player ";T

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200      GOTO310
210      I=INKEY(5)
220      IFI=32 GOTO630
230      LX=DX:LY=DY
240      IFI=136 AND FNAT(DY-1,DX)=32 DY=DY-1:
DD=2
250      IFI=138 AND FNAT(DY,DX+1)=32 DX=DX+1
260      IFI=139 AND FNAT(DY,DX-1)=32 DX=DX-1
270      IFI=137 AND FNAT(DY+1,DX)=32 DY=DY+1:
DD=1
280      COLOUR2:PRINTTAB(LY,LX) " ":COLOUR0:*F
X15
290      IFDD=1 PRINTTAB(DY,DX)CHR$224 ELSEPRI
NTTAB(DY,DX)CHR$225
300      RETURN
310      FORZ=1TO4
320          SX=S(Z,1):SY=S(Z,2)
330          GOSUB210
340          IFRND(1)>.75 GOTO390
350          IFRND(1)>.5 SX=S(Z,1)+R(2):GOTO370
360          SX=S(Z,1)+R(1)
370          IFRND(1)>.5 SY=S(Z,2)+R(2):GOTO390
380          SY=S(Z,2)+R(1)
390          E=(ABS(DX-S(Z,1)))/10:F=(ABS(DY-S(Z
,2)))/10:G=S(Z,1)-DX:H=S(Z,2)-DY
400          O=0:Q=RND(1):IFQ>E AND Q>F O=1
410          IFO<>1 GOTO460
420          IFG>0 SX=S(Z,1)+1
430          IFH>0 SY=S(Z,2)+1:RR=1
440          IFG<0 SX=S(Z,1)-1
450          IFH<0 SY=S(Z,2)-1:RR=2
460          PRINTTAB(S(Z,2),S(Z,1)) " "
470          IFFNAT(SY,SX)<>32 GOTO490
480          S(Z,1)=SX:S(Z,2)=SY
490          COLOUR3:IFRR=1PRINTTAB(S(Z,2),S(Z,1
))CHR$226 ELSEPRINTTAB(S(Z,2),S(Z,1))CHR$227
500          RR=RND(2)
510      NEXTZ
520      SC=SC+1:PRINTTAB(12,22)"Score ";300-S
C" " ":IFSC=300 GOTO630
530      GOTO310
540  NEXTT
550  MODE7
560  PRINTCHR$141;TAB(15)"RESULTS"CHR$141;T
AB(15)"RESULTS"'''

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570 FORX=1TOA
580 PRINTCHR$( &80+RND(6) );TAB(12) "Player
";X": ";P(X)
590 NEXT
600 PRINTTAB(0,22)CHR$136;CHR$&82"Press Spa
ce to Restart"
610 REPEATUNTILGET=32
620 RUN
630 COLOUR0:PRINTTAB(15,10) "__"
640 P(T)=300-SC
650 C=0
660 FORX=1TO4
670 IFS(X,1)>5 AND S(X,1)<10 AND S(X,2)>1
0 AND S(X,2)<20 C=C+1
680 NEXTX
690 COLOUR7:IFC<4 PRINTTAB(0,22)"You failed
to pen the sheep ""Your score is zero";:
P(T)=0:C=0
700 IFC=4 PRINTTAB(0,22)"Your score was ";P
(T) " "
710 TIME=0:REPEAT:UNTILTIME>300:CLS:GOTO540
720 MODE7:PRINT'CHR$141;CHR$&82;CHR$157;CHR
$&84" SHEEPDOG TRIALS "CHR$1
56'CHR$141;CHR$&82;CHR$157;CHR$&84" SH
EEPDOG TRIALS "CHR$156
730 PRINT''CHR$&86" The object of the ga
me is to herd'CHR$&86" all four sheep into t
he pen within a"
740 PRINTCHR$&86" fixed time limit using
the cursor''CHR$&86" keys.''CHR$&86" When
the sheep have been penned,"
750 PRINTCHR$&86" close the gate with the
space bar''CHR$&86" and your score will be
displayed."
760 PRINTCHR$&86" Less than four sheep
in the pen,''CHR$&86" or running over the tim
e, results in"
770 PRINTCHR$&86" a score of zero"
780 PRINT''CHR$&85"Any number of players c
an play,in turn"
790 PRINT''CHR$136;CHR$&82" Press Space
to start the game"
800 REPEATUNTILGET=32
810 RETURN
820 FORI=224TO234:VDU23,I:FORJ=0TO7:READA:V

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62 *Sheepdog Trials*

DUA: NEXT, : RETURN

830 DATA 0, 0, 2, 135, 126, 124, 230, 149, 0, 0, 64,
225, 126, 62, 103, 169, 0, 0, 0, 6, 127, 254, 126, 37, 0, 0,
0, 96, 254, 127, 126, 164

840 DATA 1, 1, 1, 1, 1, 1, 1, 1, 128, 128, 128, 128, 1
28, 128, 128, 128, 255, 0, 0, 0, 0, 0, 0, 0

850 DATA 255, 128, 128, 128, 128, 128, 128, 128, 2
55, 1, 1, 1, 1, 1, 1, 1, 128, 128, 128, 128, 128, 128, 128,
255, 1, 1, 1, 1, 1, 1, 1, 255

860 DEFFNAT (X, Y)

870 VDU31, X, Y: A% = 135: C = USR & FFF4

880 = (C AND & FFFF) DIV 256