

# Toptrainer

This is a horseracing game in two parts. In the first section players are presented with a board on which their counters are randomly moved by the computer. This offers players the opportunity to buy and sell horses, win or lose money, train their nags and prepare for stage two, the actual race. Prior to the race itself, each player has the chance to decide which of his horses he wants to enter and how he wants to place his bets. After players have issued 'race instructions' to their jockeys, the race is run and the winner collects both the prize money and any returns due from bets placed. At the start of the game each player has £10,000, and throughout the game balances are presented so that you can keep track of your fortunes. Play continues until someone reaches six figures, or until only one player is left in credit.

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1  REM*****BBC VERSION*****
2  REM TOPTRAINER
10  DATA Ant,Bee,Cola,Dash,Emu,Fox,Gus,Harp
, Ibex,Jinn,Kay,Lina,Mack,Nixy,Olly,Pug
20  DIMH$(16),H(16),F(16),P(16),A$(8),A(8),
V(2,16),W(2,16),T(16),R(16),S(16),O(16),Q(4,1
6),B(8),D(8)
30  FORI=1TO16:READH$(I):H(I)=RND(10):O(I)=
-1:NEXT
40  DATA3,3,3,10,3,17,3,24,8,24,13,24,18,24
,18,17,18,10,18,3,13,3,8,3
50  FORI=1TO12:READW(1,I):W(2,I):NEXT
60  FORI=1TO12:V(1,I)=6-(4*((I-1)/4-INT((I-
1)/4)):V(2,I)=12-INT((I-1)/4):NEXT
70  MODE7:INPUTTAB(0,10)"How many players (
1-8) ? "N
80  IFN<1 OR N>8 GOTO70
90  FORI=1TON:PRINT'"Enter name of player "
;I;
100 INPUTA$(I):A$(I)=LEFT$(A$(I),5):A(I)=10
000:NEXT
110 CLS:PRINTTAB(12,2)CHR$141;CHR$&82"Top T
rainer"'TAB(12)CHR$141;CHR$&82"Top Trainer"'T
AB(12)CHR$&91;STRING$(13,"`")

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120 PRINT'"You start with `10000 each. Each
of you is an owner/trainer of horses which y
ou can buy,sell,train up and enter for      ra
ces."'
130 PRINT'"You make money either by winning
races or by betting on the horses - yours o
r someone else's.'"
140 PRINT'"Horses improve when they run wel
l but      lose value when they don't. It costs
`500 to enter a horse for the race.'"
150 PRINT'"If you go bankrupt,you are out o
f the      game.'"
160 GOSUB2490
170 MODE1:VDU28,4,27,35,4,23,255,255,255,25
5,255,255,255,255,255,19,1,4;0;
180 CLS:M=1:W3=0
190 FORI=1TON:P(I)=1
200      LIN=0:COL=0:IFI>4 LIN=1:COL=-4
210 PRINTTAB(W(2,P(1))+I+COL,W(1,P(I))+LIN)
CHR$(48+I):NEXT
220 COLOUR0:COLOUR129
230 PRINTTAB(3,2)"START>"CHR$255"CHANCE"CHR
$255" SALE "CHR$255"TRAIN "
240 GOSUB2530
250 PRINTTAB(3,7)"TRAIN ";:COLOUR2:COLOUR12
8:PRINT" BANK BALANCE` ";:COLOUR0:COLOUR129:P
RINT" SALE "
260 GOSUB2530
270 PRINTTAB(3,12)"CHANCE";TAB(24,12)"CHANC
E"
280 GOSUB2530
290 PRINTTAB(3,17)" SALE "CHR$255"TRAIN "CH
R$255"CHANCE"CHR$255" SALE "
300 GOSUB2530
310 COLOUR128:FORJ=1TO8:PRINTTAB(10,7+J)SPC
(13):NEXT
320 COLOUR3:COLOUR128:FORJ=1TON
330      PRINTTAB(16,7+J)"      "
340      PRINTTAB(10,7+J);J" A$(J);
350 PRINTTAB(18,7+J);A(J);:NEXT
360 COLOUR3:PRINTTAB(0,0);A$(M)"'s go..."
370 THRO=RND(6)
380 GOSUB2440
390 PRINTTAB(15,0);THRO
400 GOSUB2440

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410 LIN=0:COL=0:IFM>4 LIN=1:COL=-4
420 COLOUR129:PRINTTAB(W(2,P(M))+M+COL,W(1,
P(M))+LIN) " "
430 X=P(M)+THRO
440 IFX>12 X=X-12
450 P(M)=X
460 LIN=0:COL=0:IFM>4 LIN=1:COL=-4
470 PRINTTAB(W(2,P(M))+M+COL,W(1,P(M))+LIN)
CHR$(48+M)
480 COLOUR128
490 GOSUB2420
500 IFX=1 GOTO580
510 IFX=2 ORX=6 ORX=8 ORX=11 GOTO1980
520 IFX=3 ORX=5 ORX=7 ORX=10 GOTO2030
530 IFX=4 ORX=9 ORX=12 GOTO2300
540 GOSUB2420
550 M=M+1
560 IFM>N M=1
570 GOTO320
580 CLS:PRINT"Someone landed on START, so i
t'stime for a race....."
590 GOSUB2440:GOSUB2420:R=1:RR=0
600 FORI=1TON
610   FORJ=1TO16
620     IFA(I)<500 GOTO700
630     IFO(J)<>I GOTO690
640     CLS:PRINTTAB(0,2)A$(I)
650     PRINTTAB(0,5)H$(J) " cost `";H(J)*50
0:GOSUB1950
660     PRINTTAB(0,8)"Will "H$(J)" race tod
ay ?"
670     GOSUB2450
680     IFY$="Y" A(I)=A(I)-500:S(J)=1:R=R+1
:X=INT(H(J)+F(J)/2):GOSUB1790
690   NEXTJ
700 NEXTI
710 GOSUB1700
720 RX=1
730 M=RND(16):IFW3>400 GOTO1360
740 IFS(M)=0 ORS(M)=5 W3=W3+1:GOTO730
750 RR=RR+1:S(M)=5
760 V(1,RR)=6-(4*((RR-1)/4-INT((RR-1)/4))):
V(2,RR)=12-INT((RR-1)/4)
770 PRINTTAB(V(2,RR),V(1,RR))CHR$(64+M)
780 Z=Z+H(M)+F(M)

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790 P(M)=RR
800 IFR<>RR+1 GOTO730
810 FORJ=1TO16
820   IFS(J)<>5 GOTO860
830   H9=H(J)+F(J):IFH9<=1 H9=1
840   COLOUR2:PRINTTAB(0,0)"ODDS"TAB(0,RX+1
)LEFT$(H$(J),1)"=";INT(Z/H9)
850   RX=RX+1
860 NEXTJ
870 FORI=1TON
880   IFA(I)<=0 GOTO1000
890   PRINTTAB(0,9)A$(I);" BET?(Y/N) "
900   GOSUB2450
910   IFY$="N" GOTO1000
920   PRINT"Horses letter ?";
930   GOSUB2450:PRINTY$
940   FORJ=1TO16
950     IFY$=LEFT$(H$(J),1) B(I)=J
960     NEXT
970     INPUT"How much money? "A
980     IFA(I)-A<0 PRINT"Not enough in""the
kitty!":GOSUB2440:GOTO1000
990     D(I)=A:A(I)=A(I)-A
1000    FORJ=9TO14:PRINTTAB(0,J)SPC(21):NEXT,
1010    GOSUB2420
1020    GOSUB1760
1030    W=0:FORJ=1TO16
1040      JA=P(J)
1050      IFS(J)<>5 GOTO1200
1060      R(JA)=1:IFV(2,JA)>24 R(JA)=2
1070      IFV(1,JA)>16 R(JA)=3
1080      IFR(JA)=3 ANDV(2,JA)<10 R(JA)=4
1090      M=RND(5)-1
1100      IFM>2 GOTO1130
1110      IFM=2 ANDQ(R,JA),JA)>0 Q(R(JA),JA)=
Q(R(JA),JA)-1:GOTO1130
1120      GOTO1200
1130      ONR(JA) GOSUB1370,1410,1440,1440
1140      IFM=1 GOTO1200
1150      PRINTTAB(V(2,JA),V(1,JA))" "
1160      V(1,JA)=V(1,JA)+Y
1170      V(2,JA)=V(2,JA)+X
1180      PRINTTAB(V(2,JA),V(1,JA))LEFT$(H$(J
),1)
1190      IFR(JA)=4 ANDV(2,JA)<5 W=J

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1200     NEXTJ
1210     IFW=0 GOTO1030
1220     GOSUB2420
1230     PRINTTAB(0,0)"The winner is ";H$(W):E
$=H$(W)
1240     R=RR*1000
1250     PRINTTAB(0,1)A$(O(W))" gets `";R" pri
ze":A(O(W))=A(O(W))+R
1260     GOSUB2480
1270     GOSUB2420
1280     Z=INT(Z/(H(W)+F(W))):IFZ<1 Z=1
1290     GOSUB1470:PRINTTAB(0,2)E$" won at odd
s of ";Z" to 1"
1300     FORK=1TON
1310     IFB(K)=W A(K)=A(K)+B(K)*Z+B(K):PRIN
TA$(K)"'s bet wins"
1320     NEXTK
1330     GOSUB2480
1340     R=1:RR=1
1350     FORJ=1TO16:R(J)=1:S(J)=0:P(J)=0:NEXT
1360     CLS:GOTO170
1370     X=1
1380     FORY=1 TO-1 STEP-1:IFFNAT(V(2,JA)+X,V
(1,JA)+Y)=32 RETURN
1390     NEXTY
1400     M=1:RETURN
1410     Y=1
1420     FORX=-1TO1:IFFNAT(V(2,JA)+X,V(1,JA)+Y
)=32 RETURN
1430     NEXTX:M=1:RETURN
1440     X=-1
1450     FORY=1TO-1 STEP-1:IFFNAT(V(2,JA)+X,V(
1,JA)+Y)=32 RETURN
1460     NEXTY:M=1:RETURN
1470     GOSUB2420
1480     PRINTTAB(0,0)"Form changes as result
of race"
1490     FORI=0TO15:PRINTSPC(31):NEXT:PRINTTAB
(0,3);
1500     RX=0
1510     FORJ=1TO11
1520         FORI=1TO3
1530             IFFNAT(2+J,15+I)=32 GOTO1600
1540             X=FNAT(2+J,15+I)-64
1550             RX=RX+1

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1560      PRINTRX" ";H$(X);
1570      IFJ>=9 PRINT"Will lose points";
1580      PRINT
1590      F(X)=F(X)+INT((13-J)*.75)
1600      NEXT,
1610      PRINT''' "Any horse not mentioned sh
ould have stayed at home."
1620      GOSUB2440:GOSUB2490:CLS
1630      PRINTTAB(0,4)"Horse Owner ` befor
e ` now"
1640      FORI=1TO16:IFS(I)<>5 GOTO1680
1650      F(I)=F(I)-4
1660      PRINTTAB(0,I+5)H$(I);TAB(7,I+5)A$(
O(I))
1670      PRINTTAB(14,I+5);T(I);TAB(22,I+5)
;H(I)*500+F(I)*250
1680      NEXTI
1690      RETURN
1700      CLS:PRINTTAB(8,2)STRING$(19,"T");TA
B(8,7)STRING$(15,"T");TAB(0,15)STRING$(24,"T"
);TAB(0,19)STRING$(28,"T")
1710      FORI=2TO19:PRINTTAB(27,I)"T":NEXT
1720      FORI=7TO15:PRINTTAB(23,I)"T":NEXT
1730      FORI=3TO6:PRINTTAB(14,I)"T":NEXT
1740      PRINTTAB(4,15)"O"TAB(13,15)" "
1750      RETURN
1760      FORI=0 TO6:PRINTTAB(14,I)" ":NEXT
1770      FORI=1TO16:T(I)=INT(H(I)*500+F(I)*2
50):NEXT
1780      RETURN
1790      IFX<=0 PRINT"This horse is badly of
f form":GOTO1930
1800      PRINT"Points available for race..."
;X
1810      FORM=1TO4
1820      IFM=4 PRINT"The 4th quarter must
be ";X:Q(M,J)=X:GOTO1910
1830      PRINT"Orders for quarter no.";M;"
(0-9)";
1840      GOSUB2450
1850      IFASC(Y$)<48 ORASC(Y$)>57 GOTO184
0
1860      B=VAL(Y$)
1870      X=X-B
1880      IFX<0 B=B+X:X=0
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1890      PRINT;B
1900      Q(M,J)=B
1910      NEXTM
1920      GOTO2480
1930      GOSUB2480
1940      FORM=1TO4:Q(M,J)=0:NEXT:RETURN
1950      PRINT"Current value `":F(J)*250+H(J
) *500
1960      IF(F(J)*250+H(J)*500)<=0 PRINT"Whic
h is bad news!!"
1970      RETURN
1980      X=RND(6)
1990      X=-250*X
2000      IFRND(1)>.5 X=-X
2010      A(M)=A(M)+X
2020      GOTO540
2030      PRINTTAB(0,0)"Do you wish to sell a
horse?":GOSUB2450
2040      IFY$="N" GOTO2210
2050      GOSUB2420
2060      FORI=1TO16
2070          IFO(I)<>M GOTO2200
2080          PRINTTAB(0,0)"Do you wish to sell
";H$(I):GOSUB2450
2090          IFY$="N" GOTO2190
2100          GOSUB2420:BB=INT(H(I)*500+F(I)*25
0):IFBB<0 BB=0
2110          PRINTTAB(0,0)H$(I)" Cost `";H(I)*
500" Now worth `";BB
2120          INPUTTAB(0,1)"Buyer no. (if none
type 0)"B
2130          GOSUB2430
2140          IFB=0 GOSUB2420:PRINTTAB(0,0)"OK,
I'll take it for `";BB:GOSUB2440
2150          IFB=0 O(I)=-1:A(M)=A(M)+BB:GOTO21
90
2160          IFB>N GOTO2120
2170          INPUTTAB(0,1)"At what price `A
2180          O(I)=B:A(M)=A(M)+A:A(B)=A(B)-A
2190          GOSUB2420
2200      NEXTI
2210      OFER=RND(15)
2220      IFO(OFER)<>-1 GOTO2210
2230      GOSUB2420
2240      PRINTTAB(0,0)"I'll sell you "H$(OFE

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R) " for `";H(OFER)*500
2250      GOSUB2450
2260      GOSUB2420
2270      IFY$<>"Y" GOTO540
2280      PRINTTAB(0,0)"OK-Done"
2290      O(OFER)=M:A(M)=A(M)-H(OFER)*500:GOT
O540
2300      FORI=1TO16
2310          IFO(I)<>M GOTO2400
2320          IFA(M)<0 PRINTTAB(0,0)"You're BAN
KRUPHT":GOSUB2440:GOSUB2420:GOTO2400
2330      PRINTTAB(0,0)"How much money to t
rain ";H$(I)
2340      INPUTTAB(0,1)"` "A
2350      IFA(M)-A<0 GOSUB2420:PRINTTAB(0,0
)"Not enough cash in the kitty!":GOSUB2440:GO
TO2390
2360      X=RND(5)+1
2370      B=INT(X+A/3000):IFB>5 B=5
2380      F(I)=F(I)+B:A(M)=A(M)-A
2390      GOSUB2420
2400      NEXTI
2410      GOTO540
2420      PRINTTAB(0,0)SPC(32)
2430      PRINTTAB(0,1)SPC(32):RETURN
2440      TIME=0:REPEATUNTILTIME>200:RETURN
2450      *FX15
2460      Y$=GET$
2470      RETURN
2480      PRINTTAB(0,0)"Press any key to cont
inue.":GOTO2450
2490      PRINTTAB(0,22)"Press any key."
2500      GOTO2450
2510      PRINT'"cashless....."
2520      RETURN
2530      FORI=1TO3:PRINTCHR$255;CHR$255;CHR$
255;STRING$(4,"      "+CHR$255):NEXT:RETURN
2540      C%=POS:D%=VPOS
2550      VDU31,X%,Y%
2560      A%=135:A%=USR&FFF4 AND&FFFF
2570      VDU31,C%,D%
2580      =A% DIV256
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