



BY A. R. HEAD

RUNS ON A SHARP

MZ80K IN 2.5K

```
530 FORN=1TORU
540 J=RND(1):IFJ<HA(N)THEN570
550 G(N)=G(N)+1:T=PEEK(G(N)):IFT>OTHEN600
560 POKEG(N),120:POKEG(N)-1,0
570 NEXTN
580 GOT0530
600 MUSIC"BB"BB"
610 POKEG(N),120:POKEG(N)-1,0
620 PRINT"THE WINNER WAS No. ";N;" AT";A(N,1);"/";A(N,2)
630 POKE4466,20
640 IFE<>NTHENPRINT"HARD LUCK":GOT0680
650 W=INT(A(N,1)*F/A(N,2))
660 PRINT"YOU HAVE WON £";W
670 S=S+W+F
680 PRINT
690 PRINT"PRESS C TO CONTINUE"
700 GETC#:IFC#="C"THEN710
705 GOT0700
```

```
710 IFS=0THEN830
720 NEXTR
730 PRINT"@"
740 PRINT"AT THE END OF THIS AFTERNOONS RACING YOU HAVE £";S
750 PRINT
760 PRINT"I WISH YOU LUCK NEXT TIME"
770 PRINT
780 FORN=1TO2000:NEXTN
790 PRINT"ANOTHER GO Y/N"
800 GETC#:IFC#=""THEN800
810 IFC#="N"THEN880
820 GOT0120
830 PRINT"@"
840 PRINT"YOU HAVE NO MONEY LEFT- TIME TO GO HOME"
850 PRINT
860 PRINT"BETTER LUCK NEXT TIME"
870 GOT0770
880 END
890 DATA1.30pm,2.00pm,2.30pm,3.00pm,3.30pm,4.00pm
```

# ROYAL ASCOT

The sport of kings, that's what they call horse racing. Well, now all you commoners out there can get a look in at Royal Ascot — and the price of admission is just the same as this magazine. Surprising huh?

You arrive at Ascot at the start of the day's racing with just £50 in your pocket and a burning desire to win at least £1,000. It is possible to win £6,000 plus — but that isn't easy!

Before each race you are given a list of runners and their odds. The odds are a realistic representation of the chances of winning — but there are no dead certs and the favourite doesn't always win. In a large field a long odds outsider might come romping home.

#### Program notes:

Line 150 decides how many runners in the race and resets Z to the screen address of the starting position of the first runner.

Line 210 selects the odds.

Lines 220, 230 reduce the odds to the lowest denominator.

Line 250 handicaps the horse according to its odds.

530-580, the race is run between these lines. The Peek in 550

checks if a horse has finished.

POKE 4466, X — print X lines down.

POKE 4465, Y — print Y columns in.

