

ROULETTE

User instructions

1. Load card. (ON-RUN)
2. Follow instructions on page 14.

001 f LBL A	31 25 11	035 0	00
002 f FIX	31 23	036 x	71
003 DSP 2	23 02	037 g FRAC	32 83
004 f CL REG	31 43	038 RCL 0	34 00
005 f LBL B	31 25 12	039 g $X \neq Y?$	32 61
006 f INT	31 83	040 GTO 0	22 00
007 STO 1	33 01	041 RCL 1	34 01
008 h LST X	35 82	042 STO+2	33 61 02
009 g FRAC	32 83	043 RCL 2	34 02
010 STO 3	33 03	044 R/S	84
011 f GSB 9	31 22 09	045 f LBL 0	31 25 00
012 RCL 3	34 03	046 RCL 1	34 01
013 g $X \neq Y?$	32 61	047 STO-2	33 51 02
014 GTO 0	22 00	048 RCL 6	34 06
015 RCL 1	34 01	049 R/S	84
016 3	03	050 RCL 2	34 02
017 2	02	051 R/S	84
018 x	71	052 f LBL 9	31 25 09
019 STO+2	33 61 02	053 RCL 7	34 07
020 RCL 2	34 02	054 h π	35 73
021 R/S	84	055 +	61
022 f LBL C	31 25 13	056 g X^2	32 54
023 0	00	057 g FRAC	32 83
024 STO 0	33 00	058 STO 7	33 07
025 GTO 8	22 08	059 REX	43
026 f LBL D	31 25 14	060 2	02
027 .	83	061 x	71
028 5	05	062 3	03
029 STO 0	33 00	063 ÷	81
030 f LBL 8	31 25 08	064 f INT	31 83
031 h R↓	35 53	065 1	01
032 STO 1	33 01	066 f %	31 82
033 f GSB 9	31 22 09	067 STO 6	33 06
034 5	05	068 h RTN	35 22

ROULETTE

The player bets by entering the dollar amount of the bet and the number on which the bet is placed in the form B.##. For instance, \$5 on #7 would be entered as 5.07 and \$50 on #27 would be 50.27.

A winning number bet pays off at 32-to-1. A winning even-odd bet pays off at one-to-one.

In the "win" sequence, the player's total bankroll is displayed. In the "lose" sequence, the Roulette number is displayed, after which the total bankroll may be displayed by pressing R/S.

NOTES:

1. Bet only whole dollars.
2. The maximum bet is \$99,999,999
3. If your winnings cause your bankroll to exceed 9.9999999×10^{99} , ERROR will be displayed.

This program is adapted from HP-65 Users' Library program #03076A by William A. Sholar.

SOLUTION:

A	XXXX	
0.00	ST02	
0.00	ST07	Seed
500.27	XXXX	B
0.28	***	#
	R/S	
-500.00	***	Bankroll
500.27	XXXX	B
0.02	***	#
	R/S	
-1000.00	***	
500.27	XXXX	B
0.14	***	#
	R/S	
-1500.00	***	
500.27	XXXX	B
14500.00	***	Winner
500.27	XXXX	B
30500.00	***	Another winner
C	XXXX	Bet even
0.25	***	#
	R/S	
0.00	***	Total bankroll