

Program Description 1

Program Title	ROULETTE DELUXE		
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Program Description, Equations, Variables THIS VERSION OF ROULETTE ALLOWS A PLAYER ALMOST ALL THE TYPES OF BETS THAT ARE USUALLY ALLOWED ON A ROULETTE TABLE. YOU MAY BET ON 1 NUMBER. 3 CONSECUTIVE NUMBERS, 6 CONSECUTIVE NUMBERS, THE 1ST 12, 2ND 12, OR 3RD 12, YOU MAY BET ON ODD, OR EVEN, AND ALSO HIGH OR LOW. ALL YOU DO IS ENTER THE AMOUNT OF YOUR BET, THEN PLACE THE TYPE OF BET YOU DESIRE. IF YOU WIN YOU WILL BE PAID OFF AT TYPICAL CASINO ODDS. IF YOU LOSE, YOUR BET WILL BE SUBTRACTED FROM YOUR SCORE.

Operating Limits and Warnings NOTE. 37 IS 00.

This program has been verified only with respect to the numerical example given in *Program Description II*. User accepts and uses this program material AT HIS OWN RISK, in reliance solely upon his own inspection of the program material and without reliance upon any representation or description concerning the program material.

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Program Description II

Sketch(es)

1	2	3	1ST	
4	5	6	1A	
7	8	9		
10	11	12		
13	14	15	LOW	
16	17	18	LOW	
19	20	21	2ND	
22	23	24	1A	
25	26	27		
28	29	30	3RD	
31	32	33	1A	
34	35	36	HIGH	

Sample Problem(s) INITIATE # Seed = .714322216 STO 0

Bet \$100 ON EVEN 100 [E] 0 [O] (EVEN)

14* 100** 100. 14 came up. I'm Ahead 100

200 ON LOW 200 **E** **B** 22^{*}-100^{*}-100^{*}

UHOH! I'm DOWN 100

200 on 6 consecutive 200 \boxed{E} 3 \boxed{F} \boxed{e}
(3-4-5-6-7-8)

5* 900** 900. O'Boy 900 Bucks.

I'll put 200 on the Number 23

200 [E] 23 [D] 17* 700** 700. ~~was~~ well
I WAS CLOSE.

I will Bet ON FIRST 12 (1-12) \$300 DOLLARS
Worth. 300

 1

 5 * 1300 ** 1300.

I WILL STOP 1300 IS ENOUGH TO BUY AN

~~Source(s)~~ HP-97, AND LOTS OF BATTERYS

Reference(s)

* = 5 second PAUSE

~~XX~~ = 1 second pause

User Instructions

1	ROULETTE	1=1ST COLUMN	3	6
		2=2ND COLUMN	CONSECUTIVE	CONSECUTIVE
		3=3RD COLUMN		2
START	X LOW O HIGH	X ODD O EVEN	1 #	Bet

STEP	INSTRUCTIONS	INPUT DATA/UNITS	KEYS	OUTPUT DATA/UNITS
1	LOAD SIDE 1 AND 2		<input type="checkbox"/> <input type="checkbox"/>	
2	STORE SEED X $0 < X < 1$	X	STO O	X
3	INITIALIZE	SEED	<input type="checkbox"/> A	0.00
4	PLACE AMOUNT OF BET	BET	<input type="checkbox"/> E	BET
5	PLACE TYPE OF BET. See TABLE BELOW.		<input type="checkbox"/> <input type="checkbox"/>	
6.	IT WILL DISPLAY THE CORRECT NUMBER, THEN YOUR TOTAL AND FINALLY STOP, DISPLAYING YOUR TOTAL.		<input type="checkbox"/> <input type="checkbox"/>	
7	GO TO STEP 4.		<input type="checkbox"/> <input type="checkbox"/>	
	TABLE OF BETS :		<input type="checkbox"/> <input type="checkbox"/>	
	TYPE OF BET, WINNING RANGE, ODDS		<input type="checkbox"/> <input type="checkbox"/>	
A	1 CONSECUTIVE, THAT NUMBER 35:1	1 NO.	D <input type="checkbox"/>	
B	3 CONSECUTIVE, ^{ANY} THE 1ST OF THE 3 11:1	1ST OF THE 3	F d <input type="checkbox"/>	
C	6 CONSECUTIVE, ANY OF THE 6 5:1	1ST OF THE 6	f e <input type="checkbox"/>	
D	ODD, ANY ODD # (EXCEPT 0, 37) 1:1	ANY # $\neq 0$	C <input type="checkbox"/>	
E	EVEN, ANY EVEN # (EXCEPT 0, 37) 1:1	0	C <input type="checkbox"/>	
F	LOW, 1-18 1:1	ANY # $\neq 0$	B <input type="checkbox"/>	
G	HIGH, 19-36 1:1	0	B <input type="checkbox"/>	
H	1ST COLUMN, 1-12 2:1	1	f c <input type="checkbox"/>	
I	2ND COLUMN, 13-24 2:1	2	f c <input type="checkbox"/>	
J	3RD COLUMN, 25-36 2:1	3	f c <input type="checkbox"/>	
	NOTE ON BETS D-J		<input type="checkbox"/> <input type="checkbox"/>	
	0 AND 37 LOSE.		<input type="checkbox"/> <input type="checkbox"/>	
	ON BETS B AND C		<input type="checkbox"/> <input type="checkbox"/>	
	YOU SHOULDN'T, FOR EXAMPLE,		<input type="checkbox"/> <input type="checkbox"/>	
	PICK 36 AS THE NUMBER TO		<input type="checkbox"/> <input type="checkbox"/>	
	ENTER AS YOU WOULD GET		<input type="checkbox"/> <input type="checkbox"/>	
	36, 37 AND 38. SINCE 38		<input type="checkbox"/> <input type="checkbox"/>	
	CANNOT COME UP YOU WOULD		<input type="checkbox"/> <input type="checkbox"/>	
	BE WAISTING A NUMBER		<input type="checkbox"/> <input type="checkbox"/>	
	ON BETS A, B, AND C YOU		<input type="checkbox"/> <input type="checkbox"/>	
	CAN BET ON 0 AND 37..		<input type="checkbox"/> <input type="checkbox"/>	
	GOOD LUCK		<input type="checkbox"/> <input type="checkbox"/>	
	IF YOU WANT TO START WITH A		<input type="checkbox"/> <input type="checkbox"/>	
	BANK OTHER THAN 0		<input type="checkbox"/> <input type="checkbox"/>	
	\$\$ = TOTAL Press =	\$\$	STO 4	
	STAKE		<input type="checkbox"/> <input type="checkbox"/>	

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Program Listing I

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STEP	KEY ENTRY	KEY CODE	COMMENTS	STEP	KEY ENTRY	KEY CODE	COMMENTS
001	FLBLA	312511			X	71	
	FGSB1	312201			RCL1	3401	
	3	03			GX=Y	3251	
	8	08		060	GTO4	2204	
	X	71			GTO3	2203	
	FINT	3183			FLBL7	312507	
	STO1	3301			RCL1	3401	
	RCL4	3404			2	02	
	HRTN	3522			÷	81	
010	FLBLE	312515			FINT	3183	
	HABS	3564			2	02	
	STO2	3302			X	71	
	HRTN	3522			RCL1	3401	
	FLBLB	312512		070	GX=Y	3251	
	FX=0	3151			GTO3	2203	
	GTO6	2206			GTO4	2204	
	FLBL2	312502			GLBLfa	322511	
	RCL1	3401			RCL1	3401	
	1	01			0	0	
020	9	09			GX=Y	3251	
	-	51			GTOfb	223112	
	FX<0	3171			RCL1	3401	
	GTO3	2203			3	03	
	FLBL4	312504		080	7	07	
	GGSBfa	322211			GX=Y	3251	
	RCL2	3402			GTOfb	223112	
	STO-4	335104			HRTN	3522	
	S FLBL5	312505			GLBLfb	322512	
	RCL1	3401			RCL2	3402	
030	HFAUSE	3572			HABS	3564	
	F-X-	3184			STO2	3302	
	RCL4	3404			HRTN	3522	
	HFAUSE	35-72			FLBL1	312501	
	GTOA	2211		090	HRTN	3573	
	FLBL3	312503			RCL0	3400	
	RCL2	3402			+	61	
	chs	42			5	05	
	STO2	3302			H yx	3563	
	GTO4	2204			GFRAC	3283	
040	FLBL6	312506			STO0	3300	
	RCL1	3401			HRTN	3522	
	1	01			FLBLD	312514	
	9	09			RCL1	3401	
	-	51		100	GX≠Y	3261	
	FX<0	3171			GTO4	2204	
	GTO4	2204			RCL2	3402	
	GTO3	2203			3	03	
	FLBLC	312513			5	05	
	STO6	3306			X	71	
050	FX=0	3151			STO+4	336104	
	GTO7	2207			GTO5	2205	
	RCL1	3401			GLBLFC	322513	
	2	02			STOA	3311	
	÷	81		110	RCL1	3401	
	FINT	3183			1	01	
	2	02			2	02	

REGISTERS

0 RANDOM seen	1 The Number	2 BeT	3 Temp.	4 TOTAL	5	6	7	8 Temp su	9
S0	S1	S2	S3	S4	S5	S6	S7	S8	S9
A Temp STO.	B	C	D	E	I				

Program Listing II

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STEP	KEY ENTRY	KEY CODE	COMMENTS	STEP	KEY ENTRY	KEY CODE	COMMENTS
	•	83			STO+4	336104	
	I	01		170	GTO 5	2205	
	÷	81					
	F INT	3183					
	I	01					
	+	61					
	RCL A	3411					
120	GX≠Y	3261					
	GTO 4	2204					
	RCL 1	3401					
	FX=0	3151					
	GTO 4	2204		180			
	RCL 2	3402					
	2	02					
	X	71					
	STO+4	336104					
	GTO 5	2205					
130	GLBLfd	322514					
	STO 8	3308					
	RCL 1	3401					
	GX=Y	3251					
	GTO 0	2200		190			
	I	01					
	STO+8	336108					
	RCL 8	3408					
	RCL 1	3401					
	GX=Y	3251					
140	GTO 0	2200					
	I	01					
	STO+8	336108					
	RCL 8	3408		200			
	RCL 1	3401					
	GX≠Y	3261					
	GTO 4	2204					
	FLBL0	312500					
	RCL 2	3402					
	I	01					
150	I	01					
	X	71					
	STO+4	336104					
	GTO 5	2205					
	GLBLfe	322515		210			
	STO 8	3308					
	RCL 1	3401					
	RCL 8	3408					
	-	51					
	FX<0	3171					
160	GTO 4	2204					
	6	06					
	GX>0	3281					
	GTO 9	2209					
	GTO 4	2204		220			
	FLBL9	312509					
	RCL 2	3402					
	5	05					
	X	71					

LABELS					FLAGS	SET STATUS		
A START	B HIGH/LOW	C ODD/EVEN	D I#	E BET	0	FLAGS	TRIG	DISP
a USED	b USED	c COLUMN	d CONS.3	e CONS.6	1	ON OFF	DEG <input checked="" type="checkbox"/>	FIX <input checked="" type="checkbox"/>
0 USED	1 USED	2 USED	3 WIN	4 Lose	2	0 <input type="checkbox"/> <input checked="" type="checkbox"/>	GRAD <input type="checkbox"/>	SCI <input type="checkbox"/>
5 USED	6 USED	7 USED	8	9 USED	3	1 <input type="checkbox"/> <input checked="" type="checkbox"/>	RAD <input type="checkbox"/>	ENG <input type="checkbox"/>
						2 <input type="checkbox"/> <input checked="" type="checkbox"/>		n. 0
						3 <input type="checkbox"/> <input checked="" type="checkbox"/>		