

OPERATOR-007 3 JULY 62 22:03:36 R350.039 IPL 015 060 KK FOR H A SIMON  
H A SIMON  
SEQUENCE GENERATOR  
TEST DECK FOR LEARNING ROUTINE

2	A	10
2	B	30
2	C	70
2	D	20
2	E	10
2	F	10
2	G	1
2	I	1
2	K	1
2	L	30
2	M	20
2	N	10
2	O	1
2	P	1
2	Q	1
2	R	1
2	S	1
2	T	1
2	U	1
2	V	1
2	X	1
2	Y	1
2	Z	1
5		1

5279C1. PUT LOCATED <del>C12</del> <sup>symbol</sup> 1 in O	C1	C12	C1	010
2554		40H0	C01	013
2556		J131	C01	016
2559		70	91	C01 019
2562		C12	C01	020
2564		J50	C01	030
2565		21W0	J30	C1 040
2557		J120	90	C01 050
5280C2. PRINT 0	C2	C12	C2	010
2563 AND STORE IT ON D0		40H0	C2	020
2558 NO OUTPUT		J131	C2	030
2569		70	90	C2 040
2571		52H0	C2	045
2573		40H0	C02	046
2575		J131	C02	047
2576		70	90	C02 048
2578		10A4	C2	050
2580		J10	C2	060
2581		52H0	C2	070
2567		40H0	C2	080
2584		10N1	C02093	
2586		J161	C02096	
2587		10D0	C2	090
2589		J6	C2	100
2590		J65	J157	C2 110
5281C3. FIND NEXT ON CIRCULAR	C3	C12	C3	010
2568 LIST 0, SET H5		52H0	C3	020
2592 FIND LIST NAME		40H0	C3	030
2594		10A4	C3	040
2596 AND NEXT LOCATION		J10	C3	050
2597		J60	C3	060
2600		7090	C3	070
2602		10A4	J11	C3 080
2598IF END OF LIST	90	30H0	C3	090
2605		40H0	C3	100

*If it's a data term, copy & put in O*  
*If not, put in C*

*If it's a data term, enter it*

*If its contents are a data term, enter it*

*If its contents are list name enter then*



2702  
2704  
5369  
2706  
5370  
2707  
5371  
2708  
5372E4. SET 1 = 1 / 0  
2709 SET H5 - IF REMAINDER  
2710  
2711 IS NOT ZERO

5259B11. BINARY COUNT

2713  
2714  
2715  
2716  
2717  
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2742  
2743  
2744  
2745  
2746  
2747  
5268B  
2734  
2727  
2749  
2750  
2753  
2723  
2751  
2748  
5269  
2725  
2754  
2758  
2759  
2760  
2756

M1

C4

E5 C12  
52H0  
J125 J123

	52H0		E00 025
	40H0	0	E00 030
E1	E0		
	J110	J8	
E2	E0		
	J111	J8	
E3	E0		
	J112	J8	
E4	E0		E04 010
	J113		E04 020
	J8		E04 025
	11W11	J117	E04 030
5	1	1	
B11	0		B11 010
	C1		B11 020
	B20		B11 030
	M1		B11 040
	C1		B11 050
	B20		B11 060
	M2		B11 070
	C1		B11 080
	B20		B11 090
	M3		B11 100
	90	0	B11 110
90	0		B11 120
	91		B11 130
	C3		B11 140
	M1		B11 150
	C5	0	B11 160
91	0		B11 170
	92		B11 180
	C3		B11 190
	M2		B11 200
	C5	0	B11 210
92	0		B11 220
	C2		B11 230
	M1		B11 240
	C2		B11 250
	M2		B11 260
	C2		B11 270
	M3		B11 280
	C3		B11 290
	M3		B11 300
	C5	0	B11 310
B20	90	0	B20 010
90	0		B20 020
	A3		B20 030
	91		B20 040
	A4		B20 050
	1	0	B20 060
91	0	1	B20 070
1	L12	1	B20 080
	L18	0	B20 090
B21	90	0	B21 010
90	0		B21 020
	A3		B21 030
	91		B21 040
	A4		B21 050
	1	0	B21 060
91	0	1	B21 070

J112 J113

J112

L12

L18

2751  
2757  
5270  
2755  
2761  
2765  
2766  
2767  
2763  
2751  
2764

5378F0. PATTERN FOR N\*\*2  
(BY SUCCESSIVE

2732  
2768 DIFFERENCES  
2769  
2770  
2771  
2772  
2773  
2774

2777 M3=2  
2775 M2=1  
2778 M1=0  
2779  
2780  
2781  
2782  
2783  
2784  
2785  
2786  
2787

0 1 4  
1 3 5  
2 2

5392  
5393  
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5399  
5400  
5401  
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5407  
5408  
5409  
5410  
5411  
5412  
5413  
5414  
5415  
5416  
5417  
5421M0

0 1 4 9 16 25 36 49  
1 3 5 7 9 11 13 15  
2 2 2 2 2 2 2  
0

ITERATION LIMIT

1	L12		B21	080
	L18	0	B21	070
B22	90	0	B22	010
90	0		B22	020
	A3		B22	030
	91		B22	040
	A4		B22	050
	1	0	B22	060
91	0	1	B22	070
1	L12		B22	080
	L18	0	B22	090
F0	0		F00	010
	C1		F00	020
	N2		F00	040
	M3		F00	030
	C1		F00	050
	N1		F00	070
	M2		F00	060
	C1		F00	080
	N0		F00	100
	M1		F00	090
	90	0	F00	110
90	0		F00	120
	E1		F00	130
	M3		F00	140
	M2		F00	150
	E1		F00	160
	M2		F00	170
	M1		F00	180
	C2		F00	190
	M1		F00	200
	C6		F00	210
	N6	0	F00	220
L1	21A		L1	000
L2	21B		L2	010
L3	21C		L3	010
L4	21D		L4	010
L5	21E		L5	010
L6	21F		L6	010
L7	21G		L7	010
L8	21H		L8	010
L9	21I		L9	010
L10	21J		L10	010
L11	21K		L11	010
L12	21L		L12	010
L13	21M		L13	010
L14	21N		L14	010
L15	21O		L15	010
L16	21P		L16	010
L17	21Q		L17	010
L18	21R		L18	010
L19	21S		L19	010
L20	21T		L20	010
L21	21U		L21	010
L22	21V		L22	010
L23	21W		L23	010
L24	21X		L24	010
L25	21Y		L25	010
L26	21Z		L26	010
M0	0	0	M0	010

