

# Life Game

START				

L I F E      G A M E

The game of life takes place on 10 squares.  
In fact, it manages a living space of 14 boxes,  
both boxes extreme left and right always remains  
empty.

Occupied boxes are represented by the number eight and the empty boxes with the number one.

Rules of evolution:

- The neighborhood of a box consists of four boxes that surround it, two right and two left.
- Empty cells whose neighborhood has two or three microbes register a birth.
- Microbes whose neighborhood consists of four blanks die, same for those whose neighborhood has one or three boxes occupied.

Enter the first population of 10 digits.

Only with numbers one (1) or eight (8)

then press A

[illegible]

000	76	LBL	051	01	01	102	42	STO	153	99	PRT
001	15	E	052	42	STO	103	03	03	154	66	PAU
002	42	STO	053	20	20	104	43	RCL	155	66	PAU
003	06	06	054	42	STO	105	01	01	156	66	PAU
004	01	01	055	21	21	106	85	+	157	32	X/T
005	32	X/T	056	01	01	107	43	RCL	158	69	OP
006	73	RC*	057	00	00	108	02	02	159	29	29
007	04	04	058	42	STO	109	85	+	160	01	01
008	67	EQ	059	00	00	110	69	OP	161	01	01
009	00	00	060	42	STO	111	25	25	162	01	01
010	28	28	061	01	01	112	73	RC*	163	01	01
011	43	RCL	062	43	RCL	113	05	05	164	01	01
012	06	06	063	07	07	114	85	+	165	01	01
013	32	X/T	064	55	/	115	69	OP	166	01	01
014	01	01	065	43	RCL	116	25	25	167	01	01
015	08	08	066	00	00	117	73	RC*	168	01	01
016	67	EQ	067	22	INV	118	05	05	169	01	01
017	00	00	068	28	LOG	119	95	=	170	67	EQ
018	27	27	069	95	=	120	15	E	171	23	LNx
019	03	03	070	22	INV	121	43	RCL	172	61	GTO
020	02	02	071	59	INT	122	03	03	173	00	00
021	67	EQ	072	65	*	123	48	EXC	174	85	85
022	00	00	073	01	01	124	02	02	175	76	LBL
023	27	27	074	00	00	125	42	STO	176	23	LNx
024	01	01	075	95	=	126	01	01	177	98	ADV
025	72	ST*	076	59	INT	127	69	OP	178	19	D'
026	04	04	077	72	ST*	128	24	24	179	43	RCL
027	92	RTN	078	01	01	129	97	DSZ	180	09	09
028	43	RCL	079	69	OP	130	00	00	181	91	R/S
029	06	06	080	21	21	131	00	00	182	76	LBL
030	32	X/T	081	97	DSZ	132	96	96	183	14	D
031	01	01	082	00	00	133	01	01	184	42	STO
032	08	08	083	00	00	134	00	00	185	07	07
033	67	EQ	084	62	62	135	42	STO	186	69	OP
034	00	00	085	01	01	136	00	00	187	00	00
035	42	42	086	00	00	137	42	STO	188	19	D'
036	02	02	087	42	STO	138	01	01	189	02	02
037	05	05	088	00	00	139	00	00	190	07	07
038	67	EQ	089	42	STO	140	65	*	191	02	02
039	00	00	090	04	04	141	01	01	192	04	04
040	42	42	091	01	01	142	00	00	193	69	OP
041	92	RTN	092	42	STO	143	85	+	194	02	02
042	08	08	093	01	01	144	73	RC*	195	02	02
043	72	ST*	094	42	STO	145	01	01	196	01	01
044	04	04	095	02	02	146	95	=	197	01	01
045	92	RTN	096	43	RCL	147	69	OP	198	07	07
046	76	LBL	097	04	04	148	21	21	199	00	00
047	11	A	098	42	STO	149	97	DSZ	200	00	00
048	47	CMS	099	05	05	150	00	00	201	02	02
049	68	NOP	100	73	RC*	151	01	01	202	02	02
050	14	D	101	04	04	152	40	40	203	01	01

204	03	03	255	19	D'		
205	69	OP	256	06	06		
206	03	03	257	04	04		
207	03	03	258	06	06		
208	00	00	259	04	04		
209	01	01	260	06	06		
210	07	07	261	04	04		
211	00	00	262	06	06		
212	00	00	263	04	04		
213	00	00	264	69	OP		
214	00	00	265	02	02		
215	00	00	266	06	06		
216	00	00	267	04	04		
217	69	OP	268	06	06		
218	04	04	269	04	04		
219	69	OP	270	06	06		
220	05	05	271	04	04		
221	19	D'	272	06	06		
222	98	ADV	273	04	04		
223	69	OP	274	06	06		
224	00	00	275	04	04		
225	02	02	276	69	OP		
226	07	07	277	03	03		
227	02	02	278	06	06		
228	04	04	279	04	04		
229	02	02	280	06	06		
230	01	01	281	04	04		
231	01	01	282	06	06		
232	07	07	283	04	04		
233	00	00	284	06	06		
234	00	00	285	04	04		
235	69	OP	286	00	00		
236	03	03	287	00	00		
237	02	02	288	69	OP		
238	02	02	289	04	04		
239	01	01	290	69	OP		
240	03	03	291	05	05		
241	03	03	292	92	RTN		
242	00	00					
243	01	01					
244	07	07					
245	00	00					
246	00	00					
247	69	OP					
248	04	04					
249	69	OP					
250	55	55					
251	66	PAU					
252	66	PAU					
253	92	RTN					
254	76	LBL					

L A B E L S
001 15 E
047 11 A
176 23 LNX
183 14 D
255 19 D'

Adr	Branch.
027	016 67 EQ
027	021 67 EQ
028	008 67 EQ
042	033 67 EQ
042	038 67 EQ
062	081 97 DSZ
085	172 61 GTO
096	129 97 DSZ
140	149 97 DSZ
D	050 14 D
D'	178 19 D'
D'	188 19 D'
D'	221 19 D'
E	120 15 E
LNX	170 67 EQ

Reg.	Instr.
00	058 42 STO 065 43 RCL 087 42 STO 135 42 STO
01	060 42 STO 077 72 ST* 092 42 STO 104 43 RCL 125 42 STO 137 42 STO 144 73 RC*
02	094 42 STO 107 43 RCL 123 48 EXC
03	102 42 STO 121 43 RCL
04	006 73 RC* 025 72 ST* 043 72 ST* 089 42 STO 096 43 RCL 100 73 RC*
05	098 42 STO 112 73 RC* 117 73 RC*
06	002 42 STO 011 43 RCL 028 43 RCL
07	062 43 RCL 184 42 STO
09	179 43 RCL
20	052 42 STO
21	054 42 STO