

Exercicio 4

	A	B	C	D	E	F	S4 = B + D	S3 = E * F
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	1	0	0
3	0	0	0	0	1	0	0	0
4	0	0	0	0	1	1	0	1
5	0	0	0	1	0	0	1	0
6	0	0	0	1	0	1	1	0
7	0	0	0	1	1	0	1	0
8	0	0	0	1	1	1	1	1
9	0	0	1	0	0	0	0	0
10	0	0	1	0	0	1	0	0
11	0	0	1	0	1	0	0	0
12	0	0	1	0	1	1	0	1
13	0	0	1	1	0	0	1	0
14	0	0	1	1	0	1	1	0
15	0	0	1	1	1	0	1	0
16	0	0	1	1	1	1	1	1
17	0	1	0	0	0	0	1	0
18	0	1	0	0	0	1	1	0
19	0	1	0	0	1	0	1	0
20	0	1	0	0	1	1	1	1
21	0	1	0	1	0	0	1	0
22	0	1	0	1	0	1	1	0
23	0	1	0	1	1	0	1	0
24	0	1	0	1	1	1	1	1
25	0	1	1	0	0	0	1	0
26	0	1	1	0	0	1	1	0
27	0	1	1	0	1	0	1	0
28	0	1	1	0	1	1	1	1
29	0	1	1	1	0	0	1	0
30	0	1	1	1	0	1	1	0
31	0	1	1	1	1	0	1	0
32	0	1	1	1	1	1	1	1
33	1	0	0	0	0	0	0	0
34	1	0	0	0	0	1	0	0
35	1	0	0	0	1	0	0	0
36	1	0	0	0	1	1	0	1
37	1	0	0	1	0	0	1	0
38	1	0	0	1	0	1	1	0
39	1	0	0	1	1	0	1	0
40	1	0	0	1	1	1	1	1
41	1	0	1	0	0	0	0	0
42	1	0	1	0	0	1	0	0
43	1	0	1	0	1	0	0	0
44	1	0	1	0	1	1	0	1
45	1	0	1	1	0	0	1	0

46	1	0	1	1	0	1	1	0
47	1	0	1	1	1	0	1	0
48	1	0	1	1	1	1	1	1
49	1	1	0	0	0	0	1	0
50	1	1	0	0	0	1	1	0
51	1	1	0	0	1	0	1	0
52	1	1	0	0	1	1	1	0
53	1	1	0	1	0	0	1	0
54	1	1	0	1	0	1	1	1
55	1	1	0	1	1	0	1	0
56	1	1	0	1	1	1	1	0
57	1	1	1	0	0	0	1	0
58	1	1	1	0	0	1	1	0
59	1	1	1	0	1	0	1	0
60	1	1	1	0	1	1	1	0
61	1	1	1	1	0	0	1	0
62	1	1	1	1	0	1	1	1
63	1	1	1	1	1	0	1	0
64	1	1	1	1	1	1	1	1

S2 = S4 * A	S1 = S2 * S3	S = S1 + C
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	1
0	0	1
0	0	1
0	0	1
0	0	1
0	0	1
0	0	1
0	0	1
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	1
0	0	1
0	0	1
0	0	1
0	0	1
0	0	1
0	0	1
0	0	1
0	0	0
0	0	0
0	0	0
0	0	0
1	0	0
1	0	0
1	0	0
1	1	1
0	0	1
0	0	1
0	0	1
0	0	1
1	0	1

1	0	1
1	0	1
1	1	1
1	0	0
1	0	0
1	0	0
1	0	0
1	0	0
1	0	0
1	1	1
1	0	0
1	0	0
1	0	1
1	0	1
1	0	1
1	0	1
1	0	1
1	0	1
1	1	1
1	0	1
1	1	1