Present State		Input	Next State		Output
A	B	x	A	B	y
0	0	1	0	0	1
0	0	0	0	1	0
0	1	0	1	0	1
0	1	1	1	1	0
1	0	0	0	0	1
1	0	1	0	1	0
1	1	1	1	0	1
1	1	0	1	1	0

//	0	1
00	01/0	00/1
01	10/1	11/0
11	11/0	10/1
10	00/1	01/0

//	0	1
00	0	0
01	1	1
11	1	1
10	0	0

//	0	1
00	1	0
01	0	1
11	1	0
10	0	1

//	0	1
00	0	1
01	1	0
11	0	1
10	1	0

A(t+1) = B

B(t+1) = (A xnor B)x'

y = (A xnor B)x