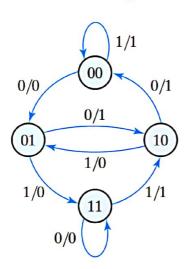
State Diagram Problem

State Diagram



State Table (Using JK-flipflop)

Current State	Next State						Output	
	x = 0			x = 1			x = 0	x = 1
		Α	В	AΒ	Α	В	у	у
a b	AB	J1 K1	J0 K0		J1 K1	J0 K0		
0 0	0 1	0 d	1 d	00	0 d	0 d	0	1
01	10	1 d	d 1	11	1 d	d 0	1	0
10	0 0	d 1	0 d	01	d 1	1 d	1	0
11	11	d 0	d 0	10	d 0	d 1	0	1

