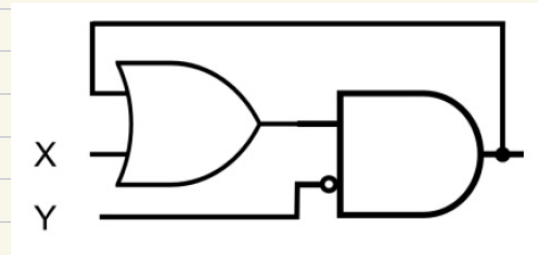


Lec 11 - Assignment

②

Q(T)		Q(T+1)		Action
X	Y	X	Y	
0	0		complement	store
0	1	1	0	set
1	0	0	1	Reset
1	1	X	X	Invalid



OR

Q(T)		Q(T+1)		final output	Action (behaviour)
X	Y	X	Y		
0	0	1	complement	0	store
0	1	1	0	1	set (to 1)
1	0	0	1	0	Reset (to 0)
1	1	0	0	0	Invalid or Reset (dominant 0)

③

Q(T)		Q(T+1)		final output	Action (Behaviour)
X	Y	X	Y		
0	0		complement	→	complement
0	1	1	0	0	Reset
1	0	0	1	0	Reset
1	1	X	X	X Invalid	Complement

