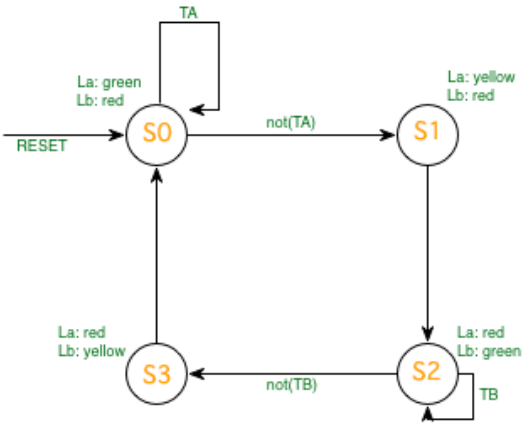
Finite State Machine



Current State	CS Enc.	In TA	In TB	Next State
s0	00	0	x	s1
s0	00	1	x	s0
s1	01	x	x	s2
s2	10	x	0	s3
s2	10	x	1	s2
s3	11	x	x	s0