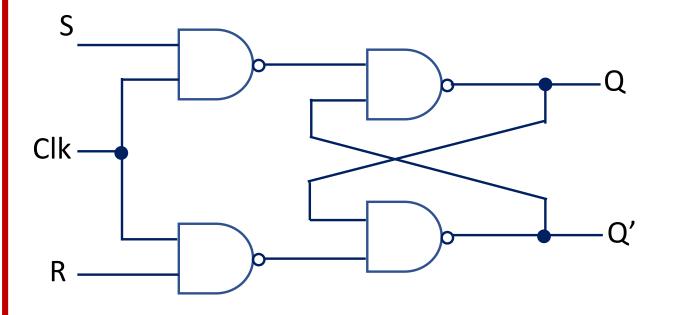
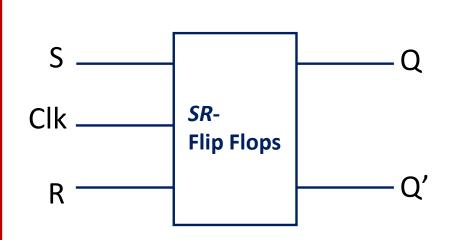
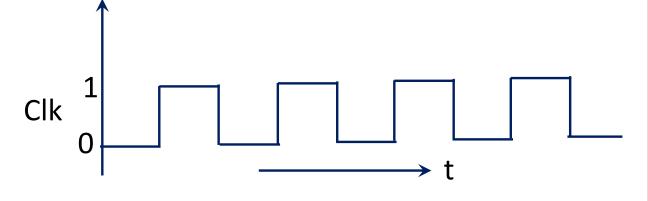
SR-Flip Flops

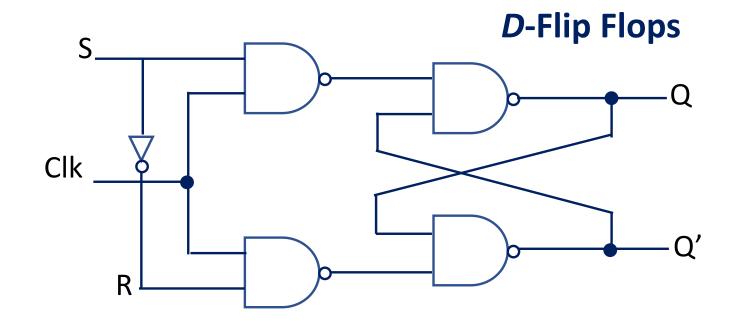


Clk	S	R	Q	Q'
0	X	X	Memory	
1	0	0	Memory	
1	1	0	1	0
1	0	1	0	1
1	1	1	Not used	

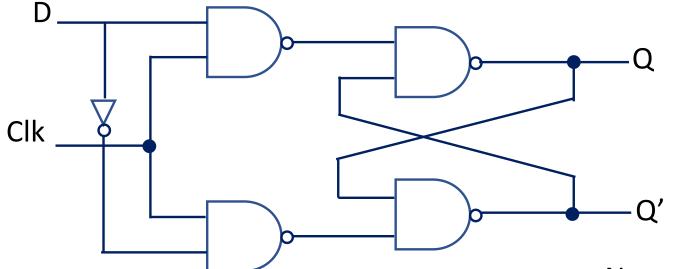


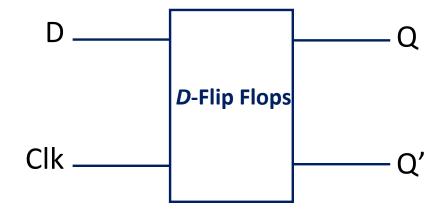


 Inputs are applied when clock is 0 and then enable the clock to transfer the inputs to output.

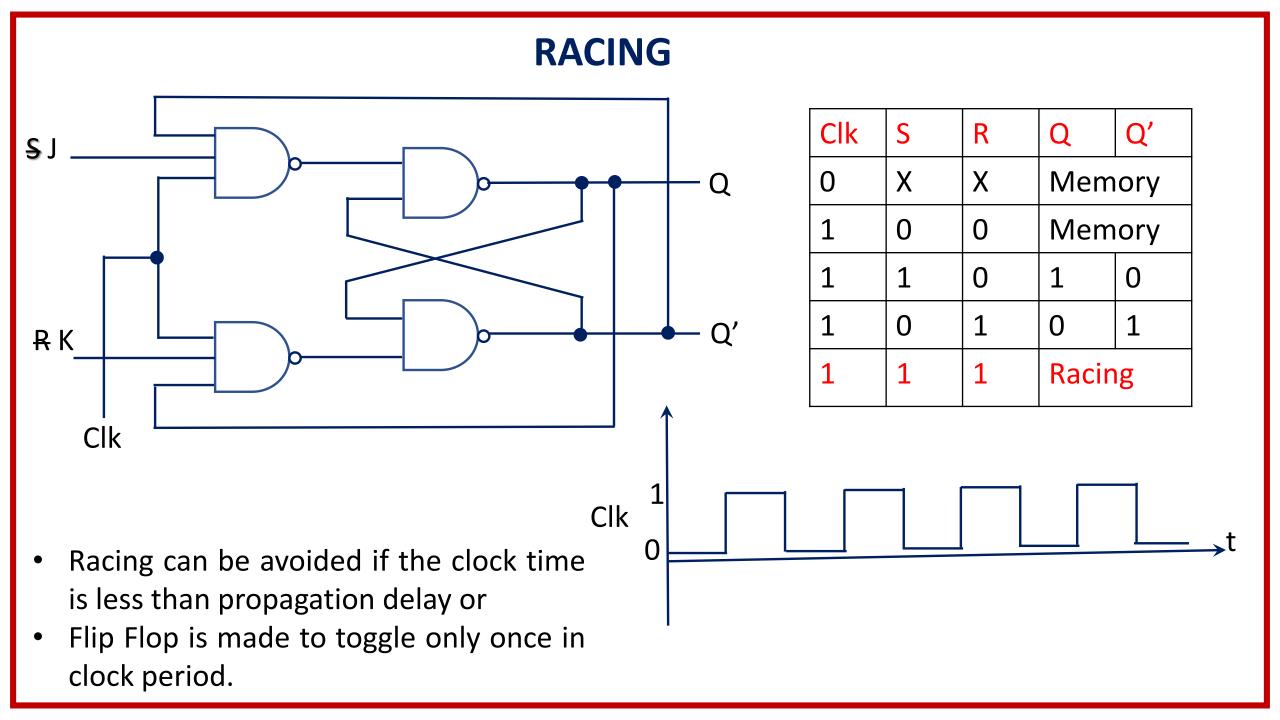


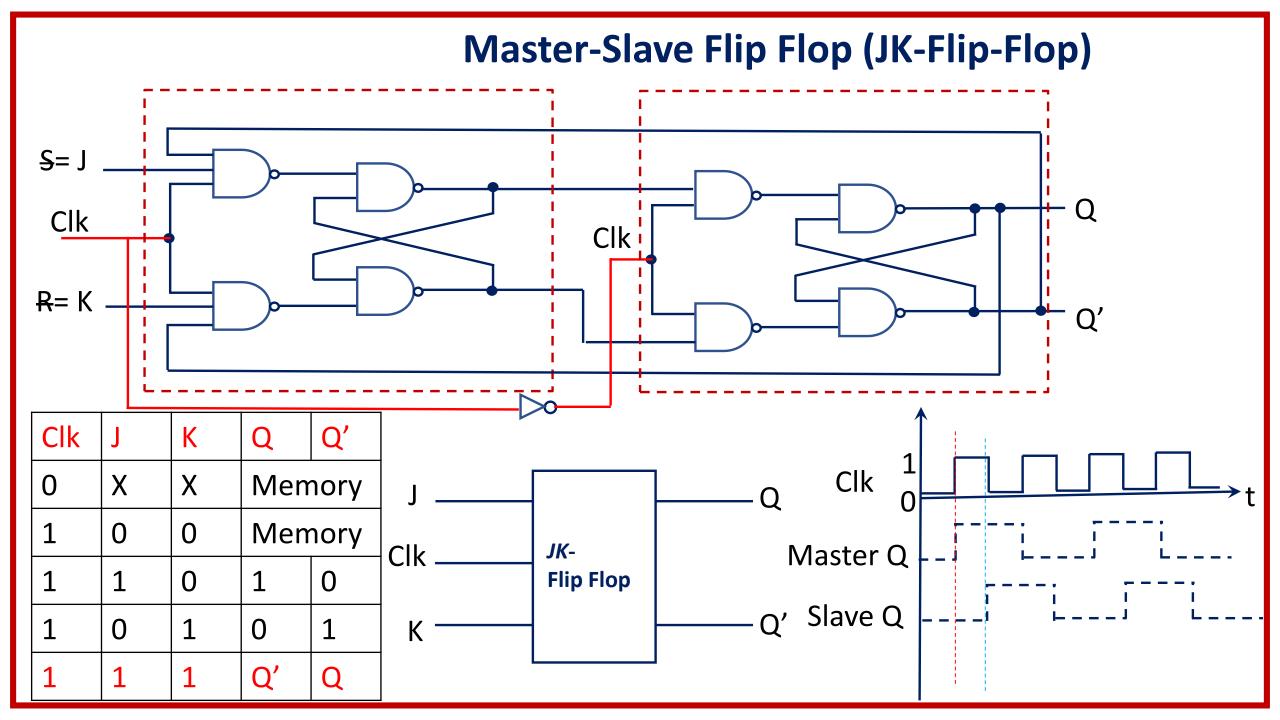
Clk	D	Q	Q'
0	X	Memory	
1	1	1	0
1	0	0	1



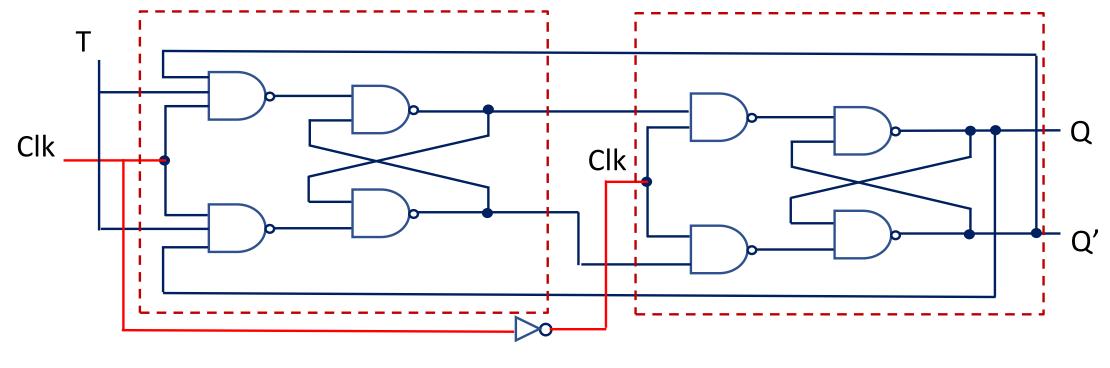


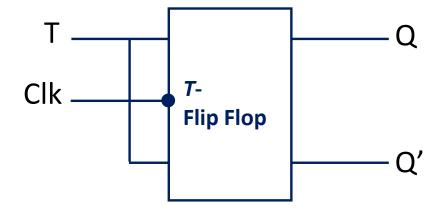
No need to put S = 0 and R = 0 for memory.





Master-Slave Flip Flop (T-Flip-Flop)





Clk	Т	Q _{n+1}
0	X	Q_n
1	0	Q _n
1	1	Q _n '