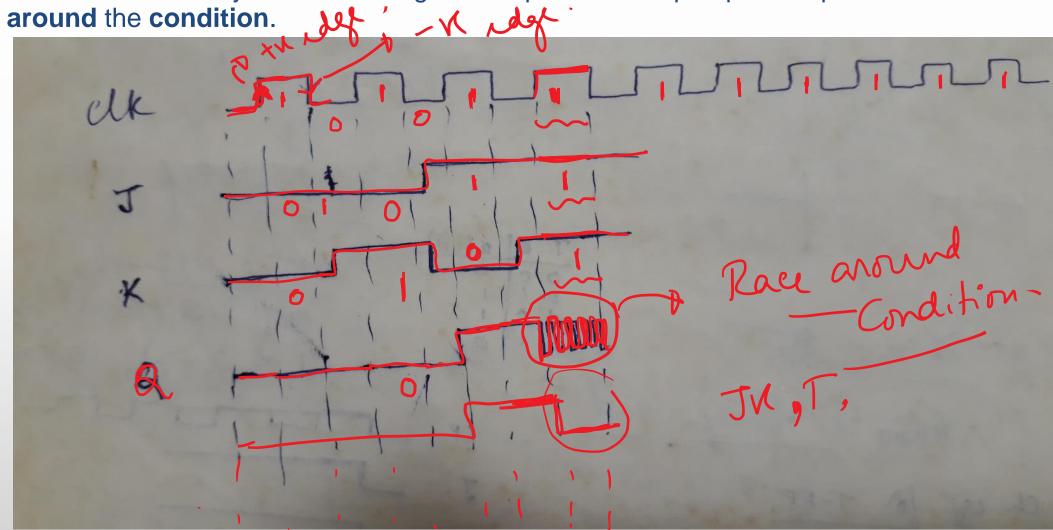
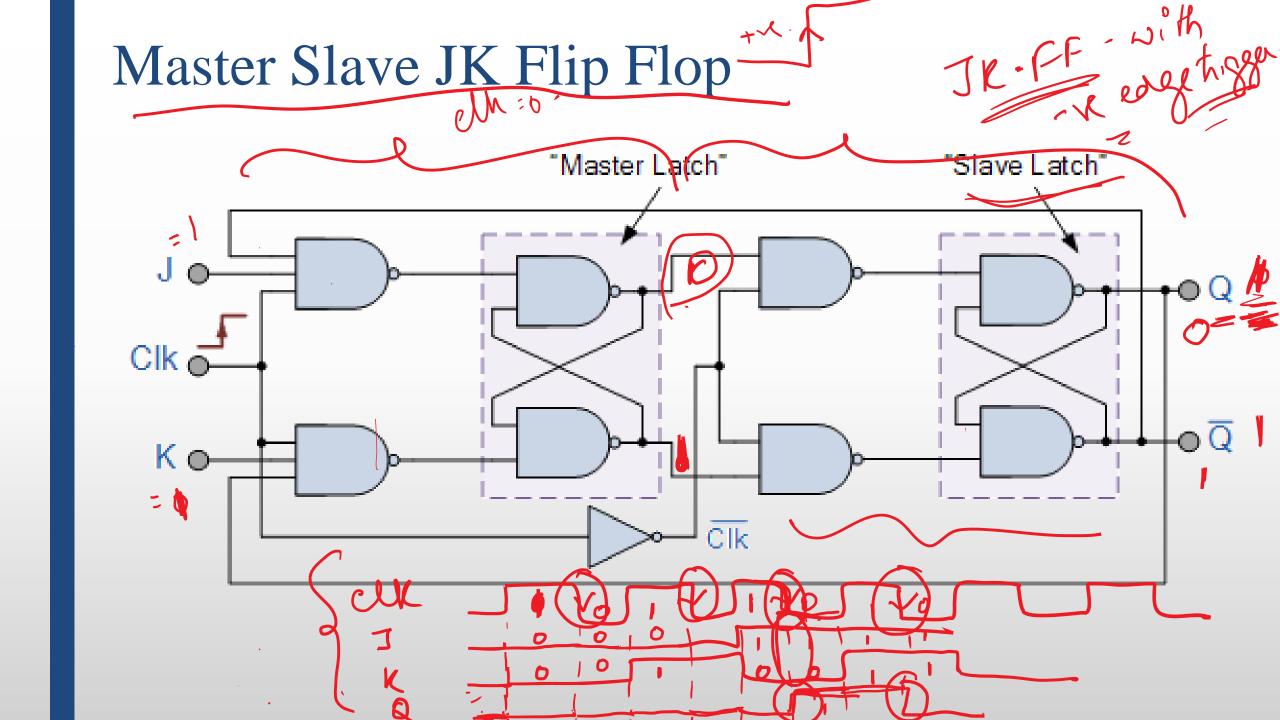
SEQUENTIAL CIRCUITS

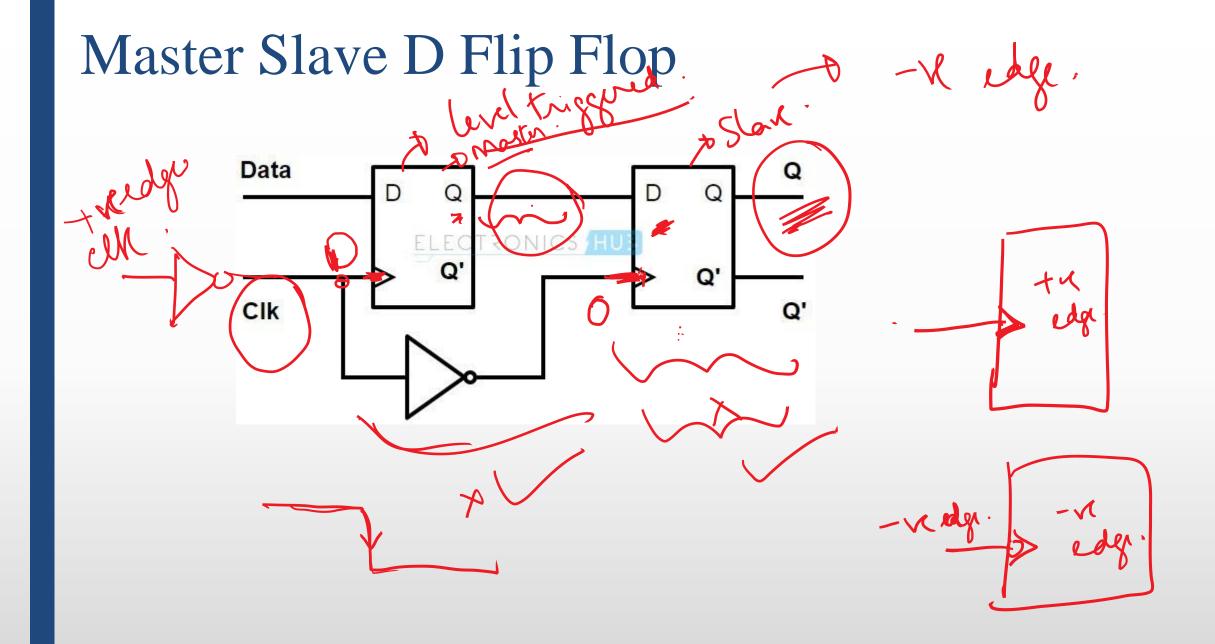
- Race around condition
- Mater slave model
- Flip flop conversion

Race Around Condition

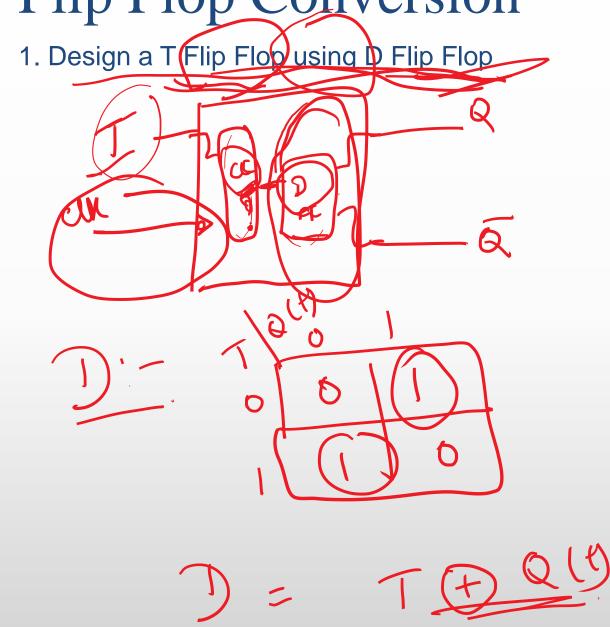
For JK flip flop if J, K and Clock are equal to 1 the state of flip-flop keeps on toggling which leads to uncertainty in determining the output of the flip-flop. This problem is called **Race**

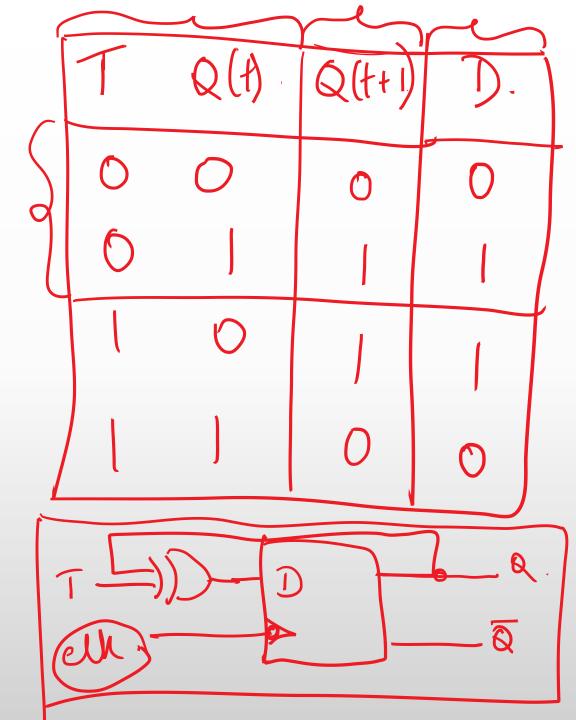


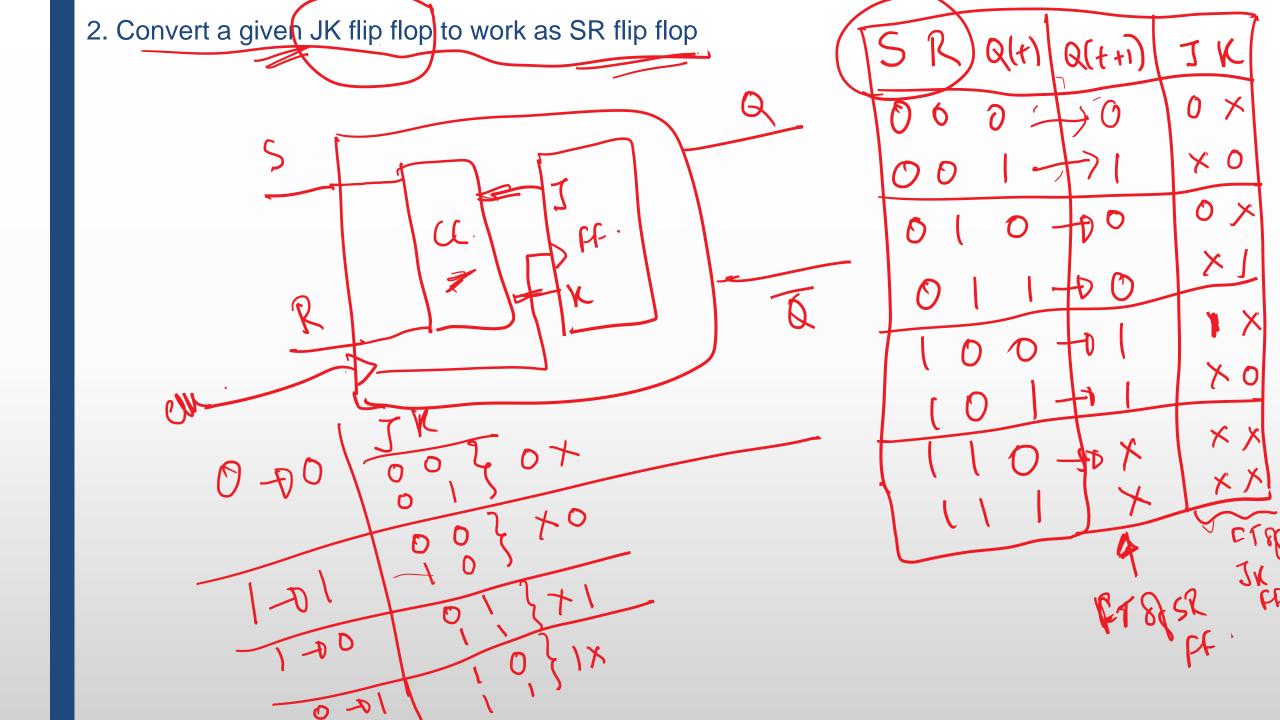


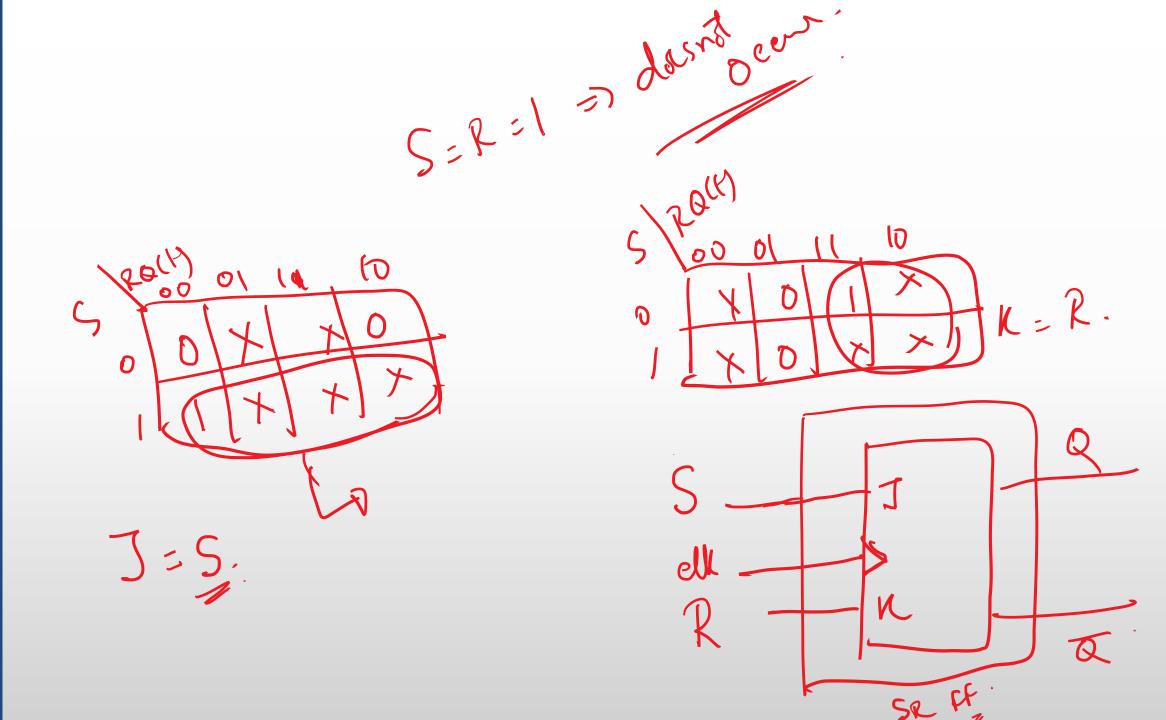


Flip Flop Conversion









3. Design a D flip flop using an AB flip flop whose function table is given below.

Α	В	Output
0	0	RESET
0	1	No Change
1	0	Toggle
1	1	SET
$\left(\begin{array}{c} \left(\begin{array}{c} \left(\right) \right)} \right) \end{array} \right) \end{array} \right) \end{array} \right) \end{array} \right) \end{array} \right) \end{array} \right)$	37	
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alk		
	No.	
		B= 1)



