

Clock	J	K	Q	\bar{Q}
1	0	0	Q	
1	0	1	0	
1	1	0	1	
1	1	1	0	

\Rightarrow

Q	J	K	Q_{+1}
0	0	0	0
0	0	1	0
0	1	0	1
0	1	1	1
1	0	0	1
1	0	1	0
1	1	0	1
1	1	1	0

$$\Rightarrow (\cancel{Q} \cdot \bar{J} \cdot \bar{K}) + (\bar{Q} \cdot \bar{J} \cdot K) + (Q \cdot \bar{J} \cdot \bar{K}) + (Q \cdot \bar{J} \cdot K)$$

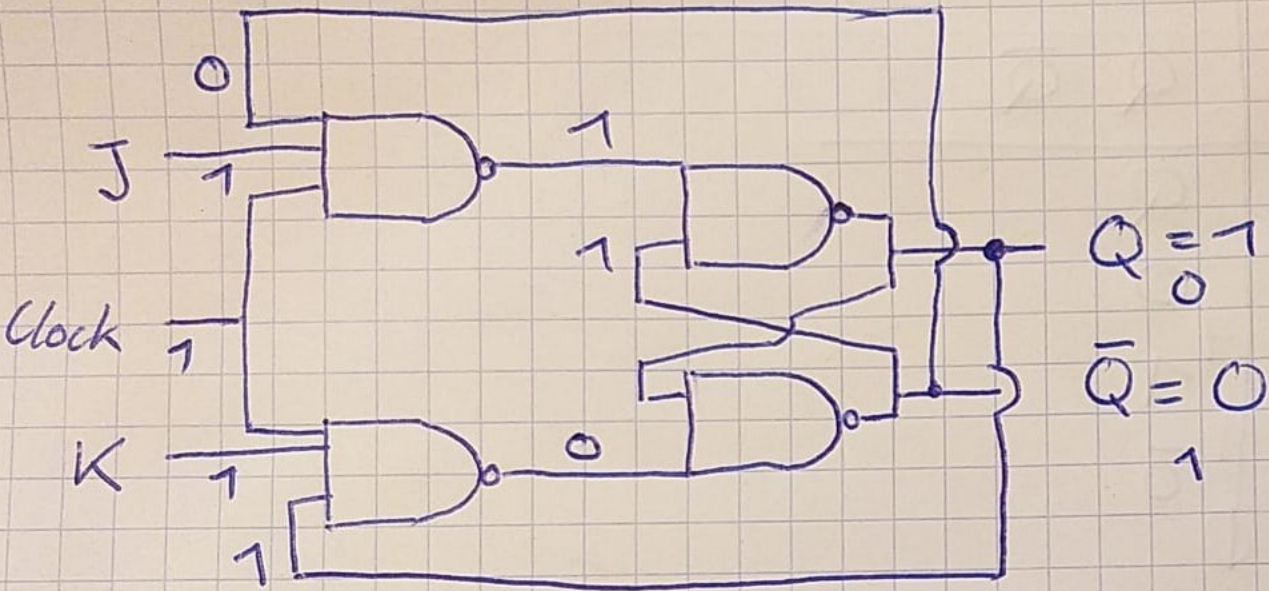
$$\Rightarrow (\bar{Q} \cdot \bar{J} \cdot K) + (Q \cdot \bar{J} \cdot \bar{K}) + (\bar{J} \cdot \bar{K})$$

oder

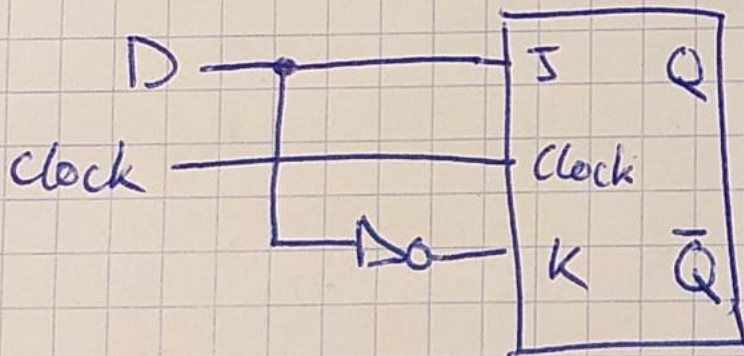
$$(\bar{Q} \cdot \bar{J} \cdot \cancel{K}) + (\bar{Q} \cdot \bar{J} \cdot \cancel{K}) + (Q \cdot \cancel{\bar{J}} \cdot \bar{K}) + (Q \cdot \cancel{\bar{J}} \cdot \bar{K})$$

$$\Rightarrow (\bar{Q} \cdot \bar{J}) + (Q \cdot \bar{K})$$

JK-FF



D-FF



T-FF

