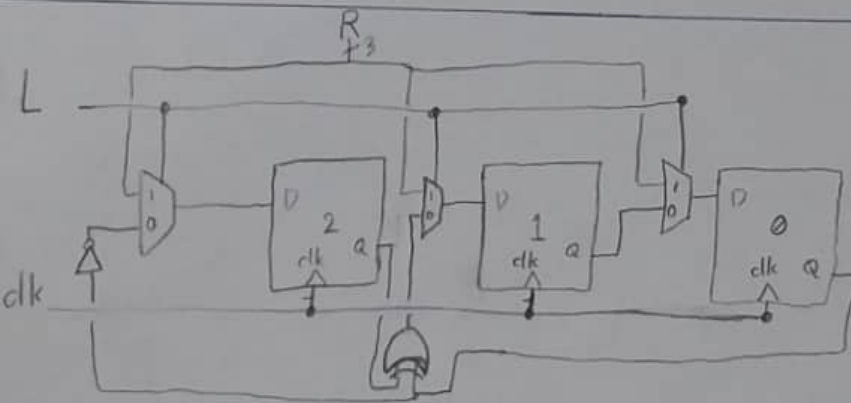
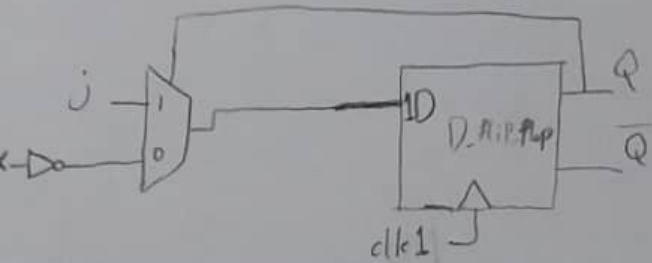
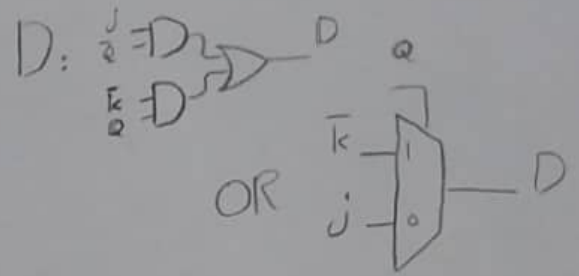


J	k	Q ⁺
0	0	Q
0	1	0
1	0	1
1	1	\bar{Q}

Q \ JK	00	01	11	10
0	0	0	1	1
1	1	0	1	0

$$D = j\bar{Q} + \bar{k}Q$$

①



000 \rightarrow if (L=1'b0 & clk is posedge) ④
 100 \rightarrow
 110 \rightarrow
 111 \rightarrow
 001 \rightarrow
 010 \rightarrow
 101 \rightarrow
 000 \rightarrow

0000

1100

0010

1101

0111

1010

0001

0101

1011

⑤