

NORTH SOUTH UNIVERSITY

CSE 231 Assignment

Assignment

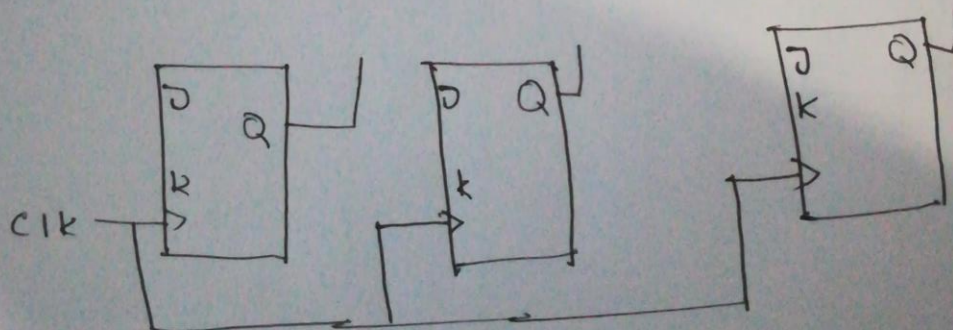
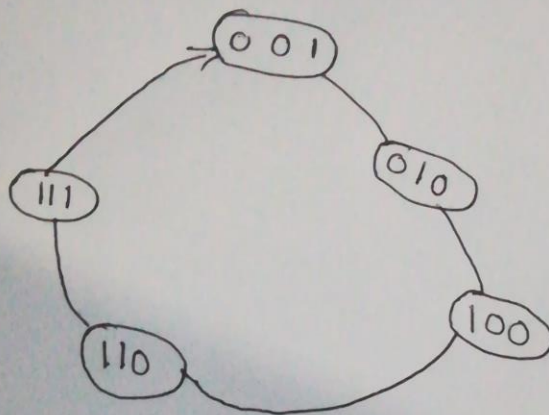
FACULTY: KMM

Section: 10

Md. Lutfor Rahman (1811215642)

Ans to the anno-1

The sequence of 1, 2, 4, 6, 7 using JK flip flop



Present state	Next state
001	010
010	100
100	110
111	001

* Module -13 counter using JK flip flop

*

clk	Q ₀	Q ₁	Q ₂	Q ₃
0	0	0	0	0
1	1	0	0	0
2	0	1	0	0
3	1	1	0	0
4	0	0	1	0
5	1	0	1	0
6	0	1	1	0
7	1	1	1	0
8	0	0	0	1
9	1	0	0	1
10	0	1	0	1
11	1	1	0	1
12	0	0	1	1

