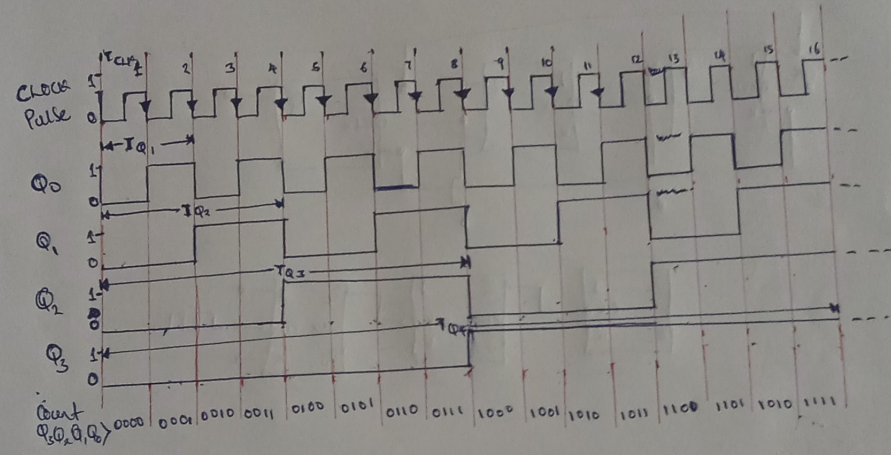
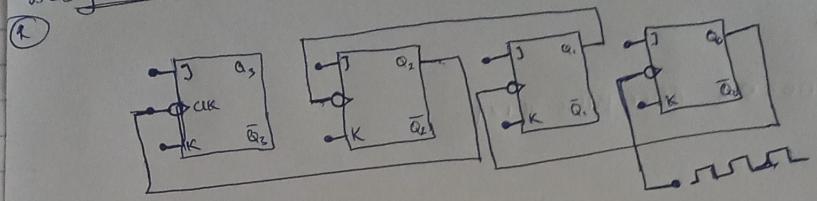


2
 000000 kth #1
 000000 #64 recycle
 000000 #128 recycle

① LUNAR ATMS DATA ENCL
 1/20/2011
 Computer Engineering
 Assignment 6 Question 4



Binary Counter

2^3	2^2	2^1	2^0	
Q_3	Q_2	Q_1	Q_0	
0	0	0	0	Before a applying Clock pulses
0	0	0	1	After Pulse #1
0	0	1	0	" #2
0	0	1	1	" #3
0	1	0	0	" #4
0	1	0	1	" #5
0	1	1	0	" #6
0	1	1	1	" #7
1	0	0	0	" #8
1	0	0	1	" #9
1	0	1	0	" #10
1	0	1	1	" #11
1	1	0	0	" #12
1	1	0	1	" #13
1	1	1	0	" #14
1	1	1	1	" #15

Assignment Question 2

- (a) $2^5 = 32$ i.e. MOD-32
- (b) ~~00000~~ at 11111
- (c) 5
- (d) 000001 After pulse #129

Assignment 3

