

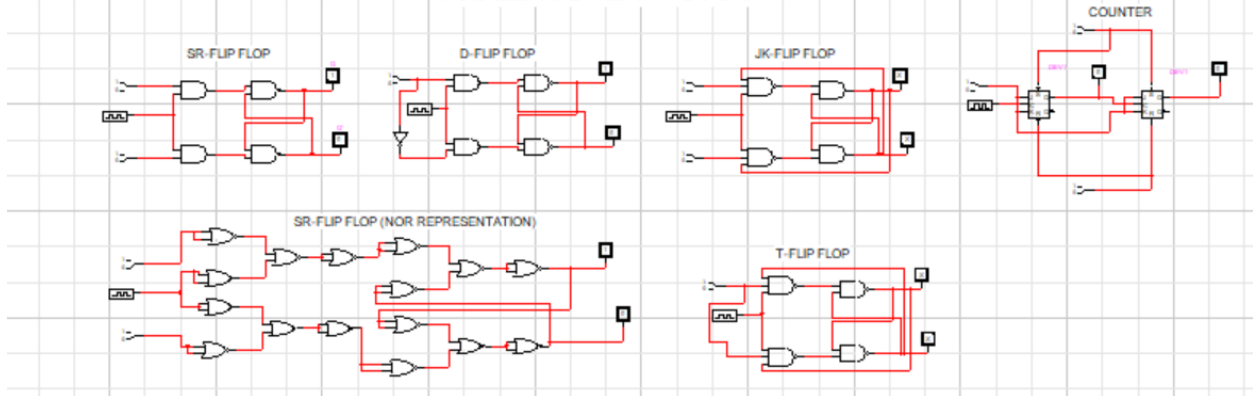
NAME: OBAID

ROLL NO: 24K-0793

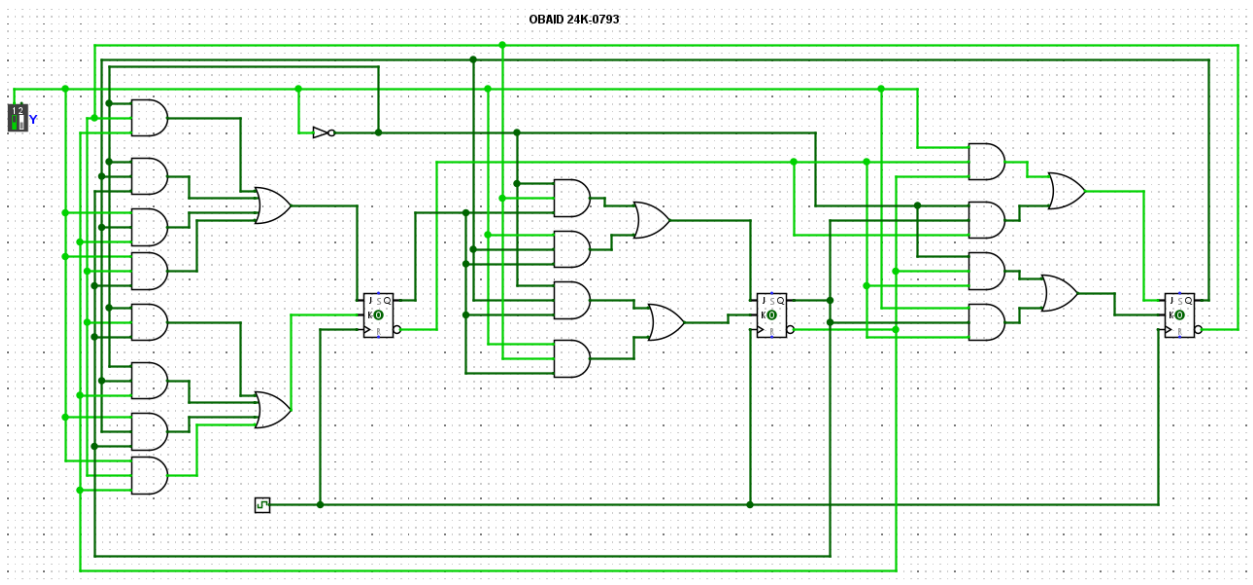
LAB_10:

TASK_1:

NAME: OBAID
ROLL NO: 24K-0793



TASK_2:



TASK_2(Truth Table):

Present			next					
Q_C	Q_B	Q_A	Q_C^*	Q_B^*	Q_A^*	$\bar{Q}_C K_C$	$\bar{Q}_B K_B$	$\bar{Q}_A K_A$
0	0	0	0	0	1	0 X	0 X	1 X
0	0	1	0	1	1	0 X	1 X	X 0
0	1	1	0	1	0	0 X	X 0	X 1
0	1	0	1	1	0	1 X	X 0	0 X
1	1	0	1	1	1	X 0	X 0	1 X
1	1	1	1	0	1	X 0	X 1	X 0
1	0	1	1	0	0	X 0	0 X	X 1
1	0	0	0	0	0	X 1	0 X	0 X
1	0	0	1	0	0	1 X	0 X	0 X
1	1	0	0	1	1	X 0	0 X	1 X
1	1	0	1	1	1	X 0	1 X	X 0
1	1	1	1	1	0	X 0	X 0	X 1
1	1	1	0	1	0	X 1	X 0	0 X
1	0	1	0	1	1	0 X	X 0	1 X
1	0	1	0	0	1	0 X	X 1	X 0
1	0	0	1	0	0	0 X	0 X	X 1

TASK_3:

