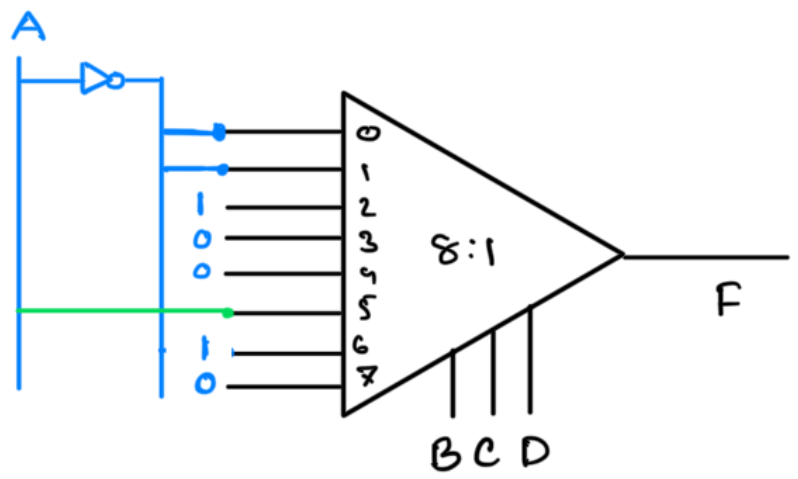
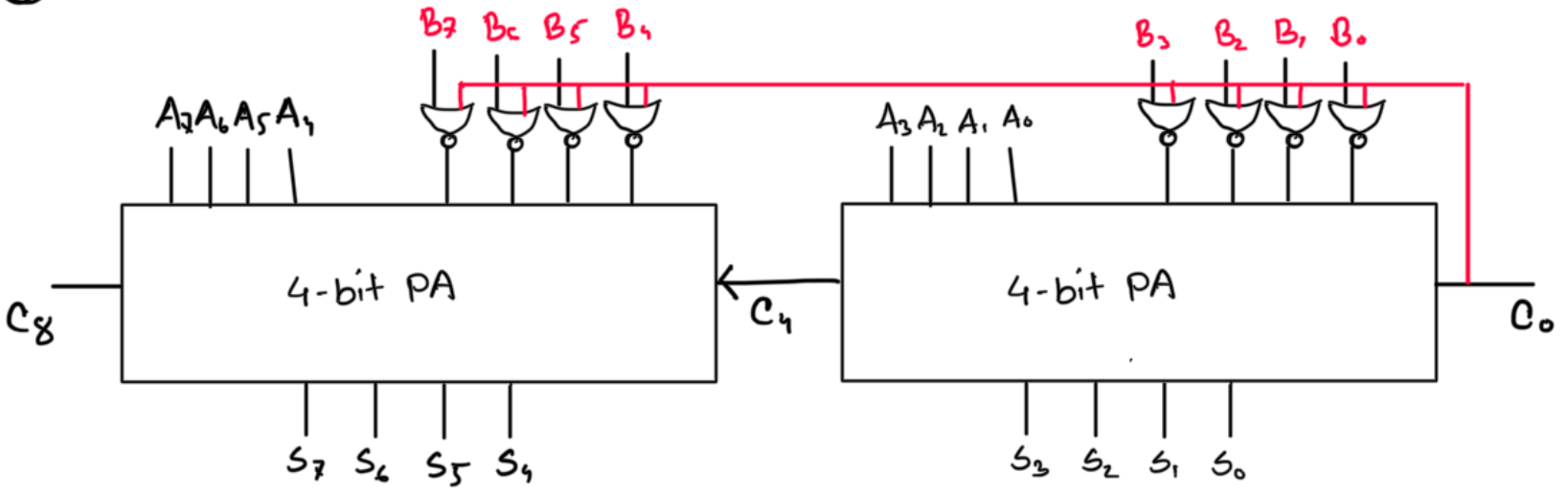
Assignment - 3

(I)

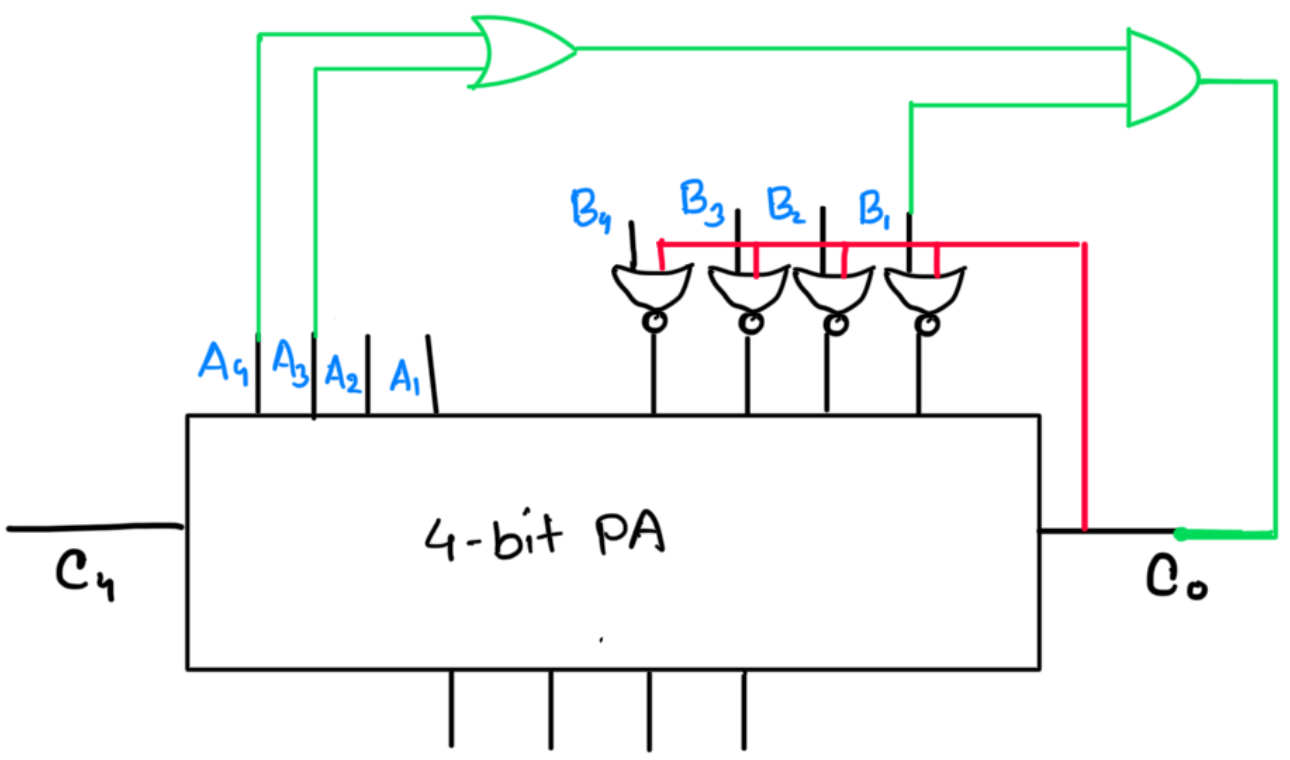


	I_0	I_1	I_2	I_3	I_4	I_5	I_6	I_7
A'	0	1	2	3	4	5	6	7
A	8	9	10	11	12	13	14	15
	A'	A'	1	0	0	A	1	0

(II)



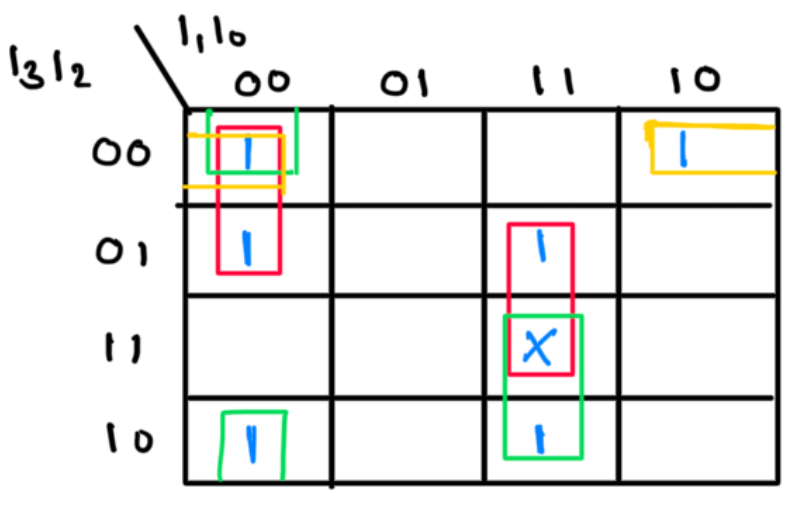
(III)



(IV)

I_3	I_2	I_1	I_0	A_1	A_0
0	0	0	0	1	1
0	0	0	1	0	1
0	0	1	0	1	0
0	0	1	1	0	0
0	1	0	0	1	1
0	1	0	1	0	0
0	1	1	0	0	0
0	1	1	1	1	1
1	0	0	0	1	1

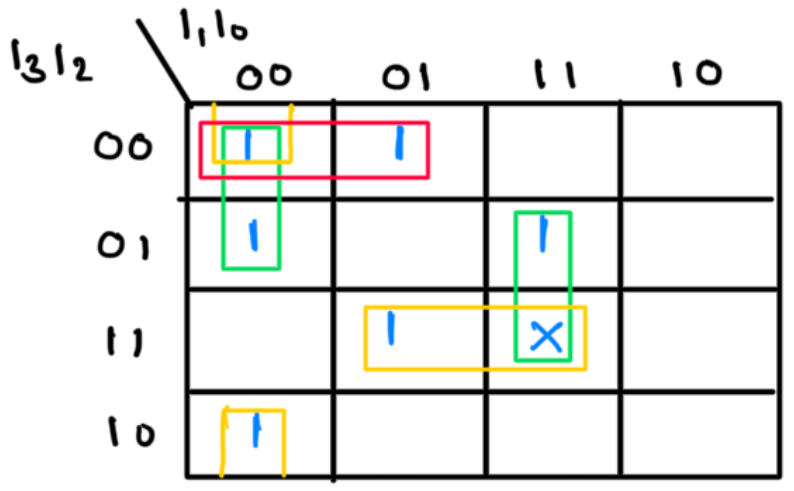
A_1



$$= I_3' I_2' I_0' + I_3' I_1' I_0' + I_2' I_1' I_0' + I_2 I_1 I_0$$

1	0	0	1	0	0
1	0	1	0	0	0
1	0	1	1	1	0
1	1	0	0	0	0
1	1	0	1	0	1
1	1	1	0	0	0
1	1	1	1	X	X

A_0



$$= I_3'I_1'I_0' + I_3'I_2'I_1 + I_2'I_1'I_0' + I_3I_2I_0 + I_2I_1I_0$$