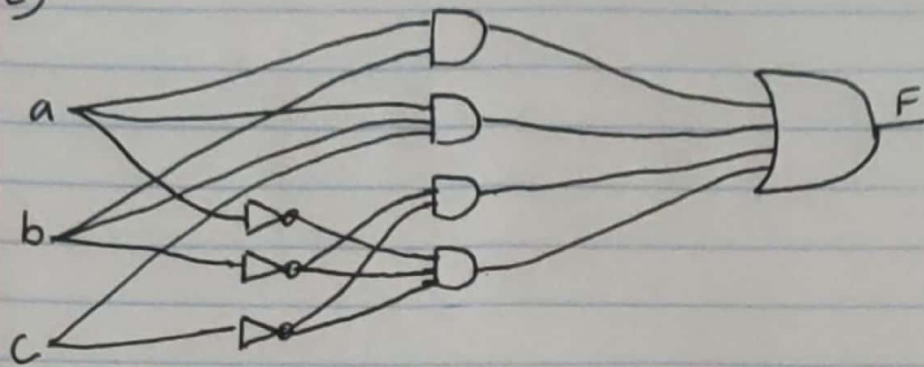


Lab 3

2)



Truth Table

a	b	c	Output
0	0	0	1
0	0	1	0
0	1	0	0
0	1	1	0
1	0	0	1
1	0	1	0
1	1	0	1
1	1	1	1

$$3) F = ab + abc + b'c' + a'b'c'$$

$$= ab(1+c) + b'c'(1+a)$$

$$= ab + b'c'$$

4)

