

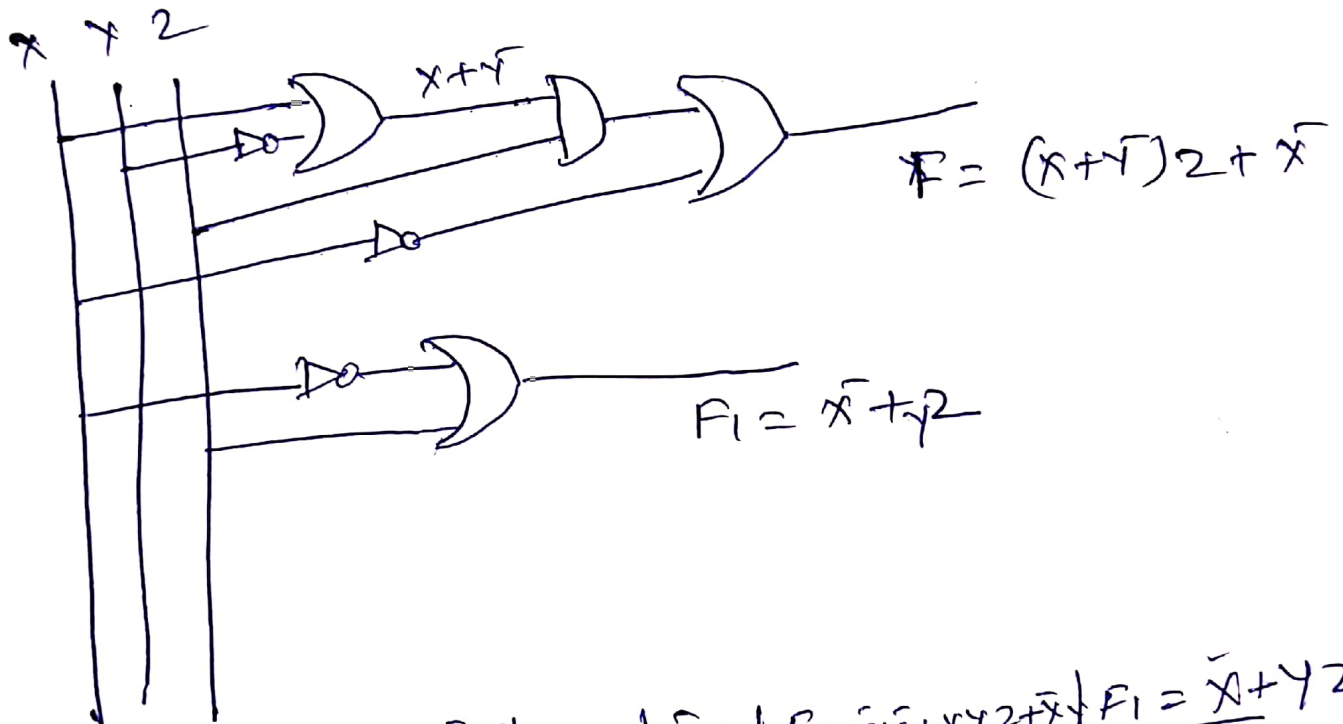
Lab work #2

Q#1

Q

X	Y	Z	$X+\bar{Y}$	$(X+\bar{Y})Z$	$\bar{X}$	$F = (X+\bar{Y})Z + \bar{X}$	$F_1 = \bar{X} + Z$
0	0	0	1	0	1	1	1
0	0	1	1	1	1	1	1
0	1	0	0	0	1	1	1
0	1	1	0	0	1	1	1
1	0	0	1	0	0	0	0
1	0	1	1	1	0	1	1
1	1	0	1	0	0	0	0
1	1	1	1	1	0	1	1

b



Q#2

X	Y	Z	$\bar{X}\bar{Y}$	XYZ	$\bar{X}Y$	$F = \bar{X}\bar{Y} + XYZ + \bar{X}Y$	$F_1 = \bar{X} + YZ$
0	0	0	1	0	0	1	1
0	0	1	1	0	0	1	1
0	1	0	0	0	1	1	1
0	1	1	0	0	1	1	1
1	0	0	0	0	0	0	0
1	0	1	0	0	0	0	0
1	1	0	0	0	0	0	0
1	1	1	0	1	0	1	1