

$I_1$	$I_2$	$\Phi$
1	1	0
0	1	1
1	0	1
0	0	1

مشق گزارش ۲

$V_{CC}: 14, GND: V, 1, 2, 4, 8, 9, 10, 12, 13 \rightarrow input, V_{CC}: 14$   
 $3, 5, 8, 11 \rightarrow output$  NAND

$V_{CC}: 14, GND: V, 1, 3, 8, 9, 11, 13 \rightarrow input, V_{CC}: 14$   
 $2, 4, 5, 8, 10, 12 \rightarrow output$  NOT

$1, 2, 4, 8, 9, 10, 12, 13 \rightarrow input, V_{CC}: 14, GND: V, V_{CC}: 14$   
 $3, 5, 8, 11 \rightarrow output$  AND

$1, 2, 4, 8, 9, 10, 12, 13 \rightarrow input, 3, 5, 8, 11 \rightarrow output, V_{CC}: 14$   
 $14: V_{CC}, V: GND$  OR

$1, 2, 8, 4, 8, 9, 12, 13 \rightarrow input, CMOS, V_{CC}: 14$   
 $3, 5, 10, 11 \rightarrow output, 14: V_{CC}, V: GND$  NAND

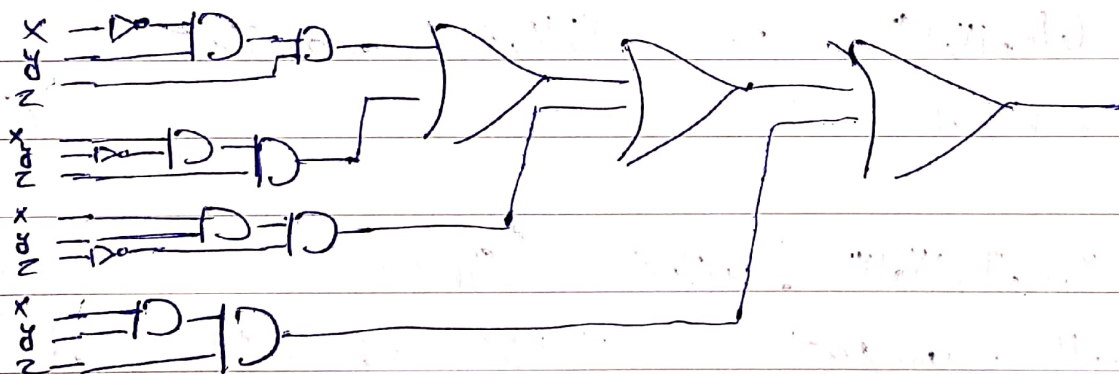
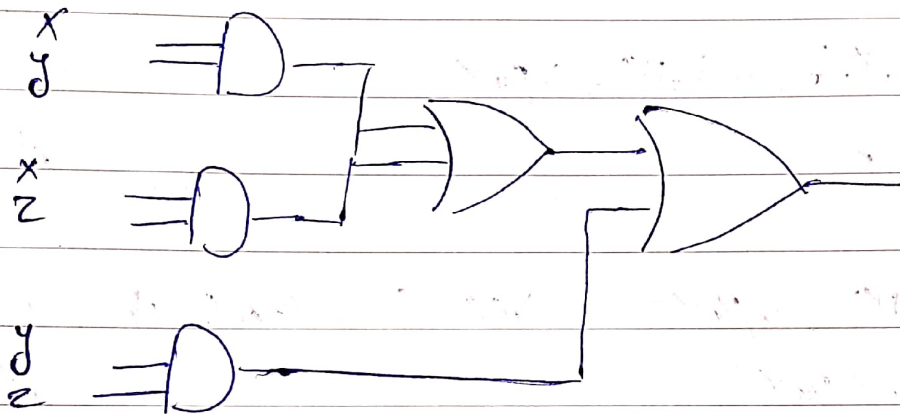
$$F = x'y'z + xy'z + xy'z' + xyz$$

سشن گزارش ۳ :

	00	01	11	10
0	0	0	1	0
1	0	1	1	1

$$F = yz + xz + xy$$

۳ دروازه :  $x, y, z$



سشن گزارش ۱۱ :

