

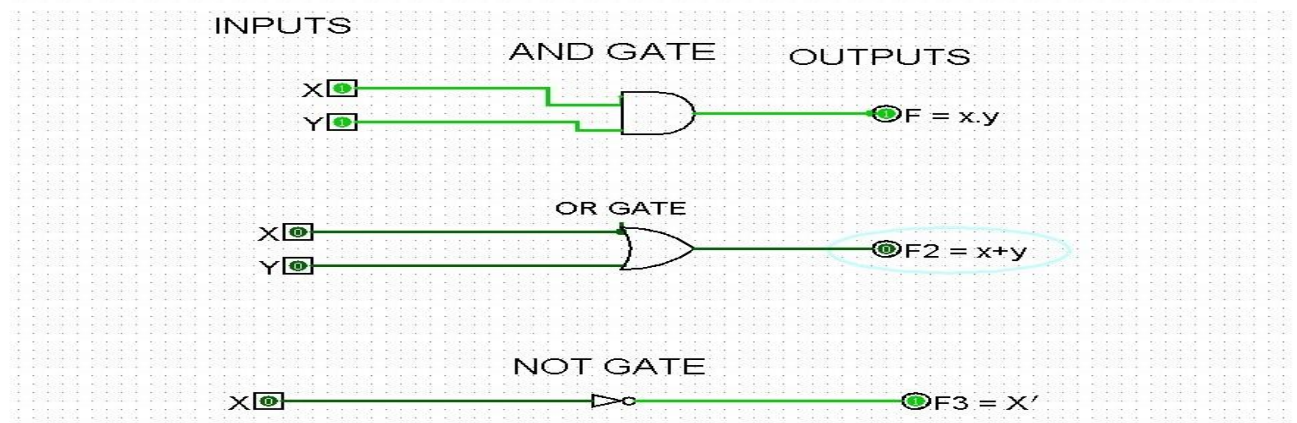
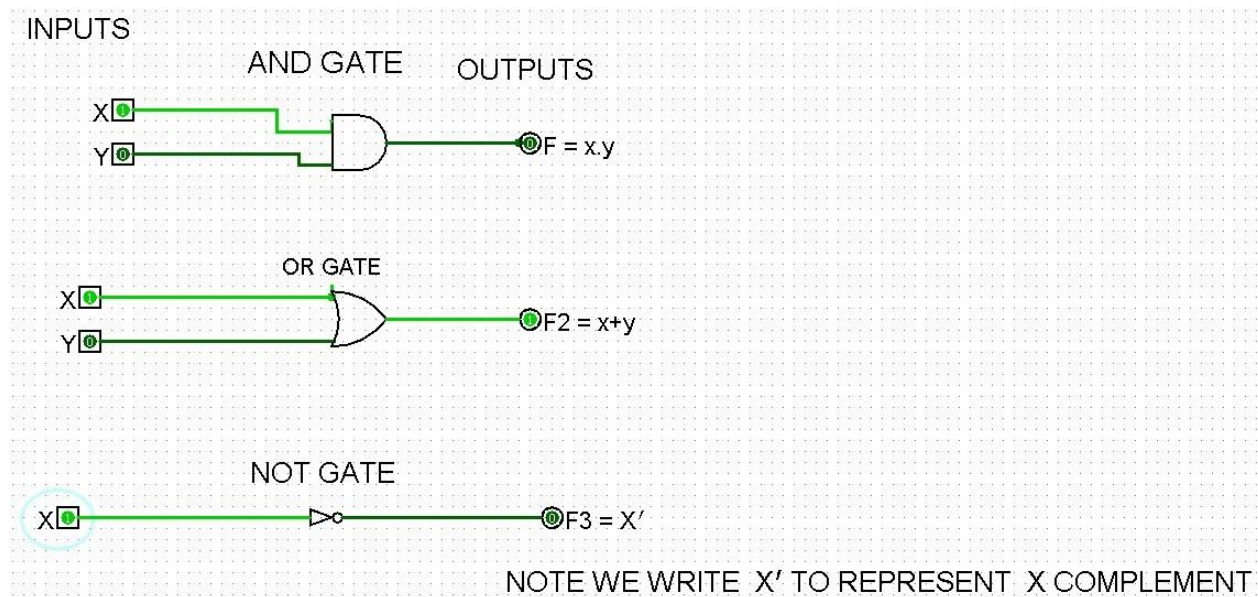


Student Name: ID:

1. Introduction

Today we have learned how to operate with Logisim S/W and drawn there basic gates AND , OR and not in Logisim.

2. Experiments



Video for my work: <https://youtu.be/Mr3-XuLyn1Y>

3. Results

X	Y	$F=x.y$	$F1=x+y$	$F2= x' \text{ or } \overline{x}$
0	0	0	0	1
0	1	0	1	1
1	0	0	1	0
1	1	1	1	0

4. Discussion

In case of AND gate, any one input is 0 we will get the output is 0 otherwise we will get 1.

In case of OR gate, any one input is 1 we will get the output is 1 otherwise we will get 0 if all of them are 0.

In case of NOT gate, output is just reverse of the input.