



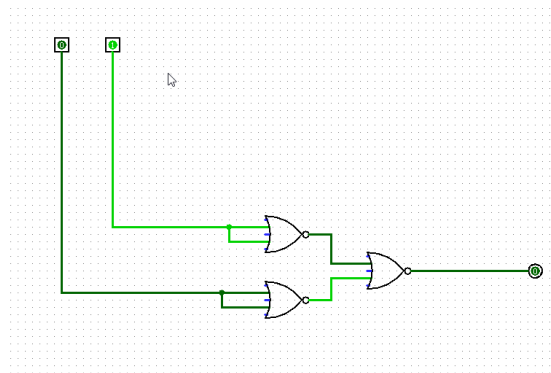
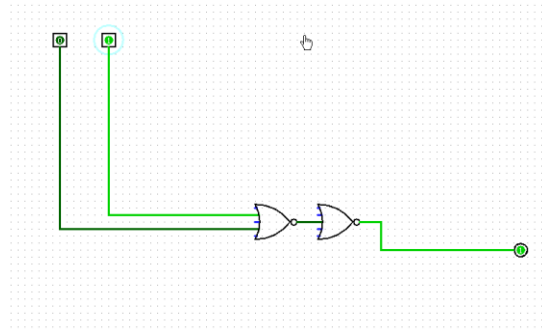
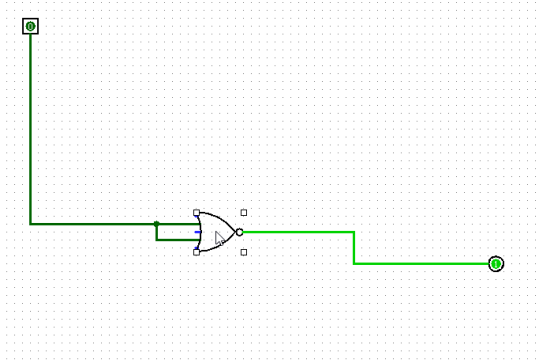
Laboratory Report

Logic Design

- 1. Experiments Number: 3**
- 2. Name: Omar Ashraf Mabrouk**
- 3. ID: 19P8102**
- 4. Group: 2**
- 5. Section: 3**

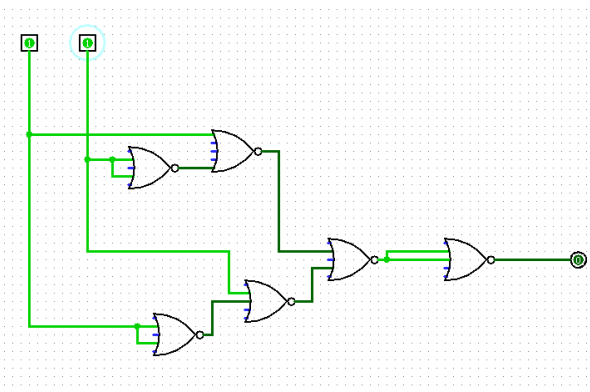
<i>Course Code</i> EPM 211	<i>Course Name</i> Electrical Materials	
	Semester Fall 2020	Date of Submission 13/1/2021

Q1

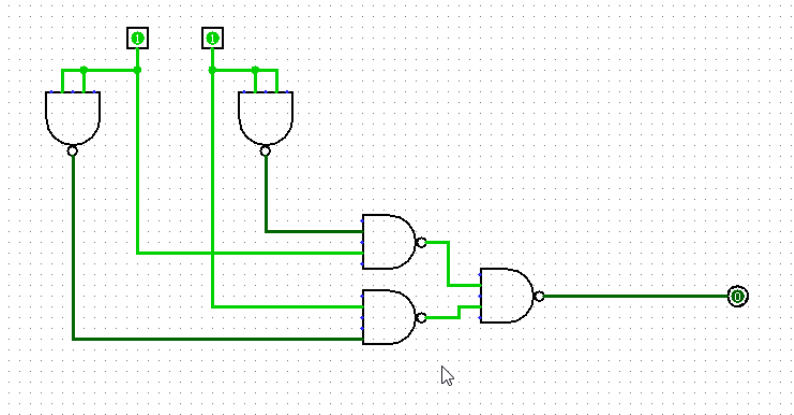


Q2

A)

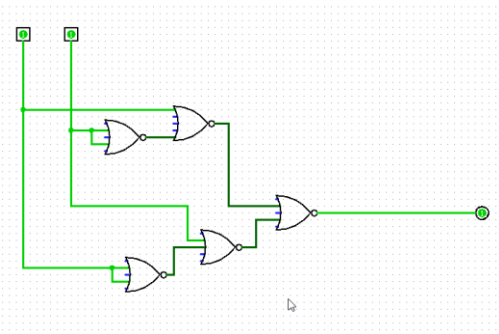


B)

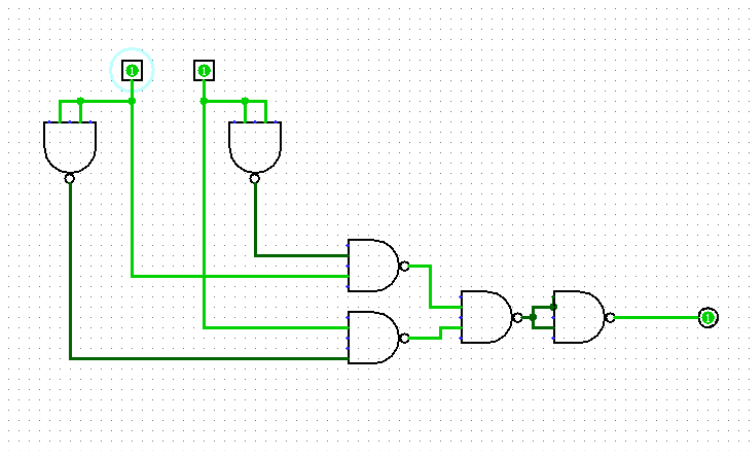


Q3

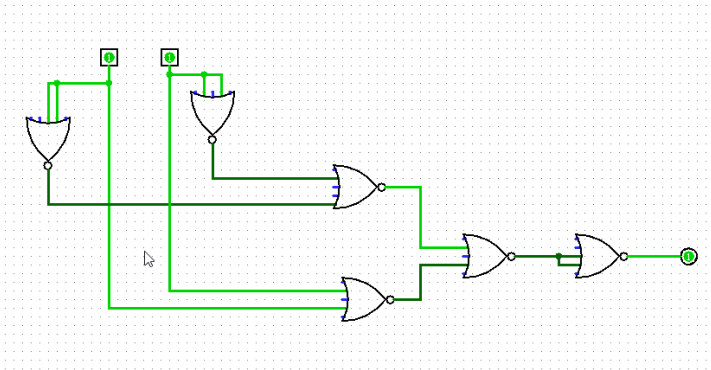
Method 1 (NOR)



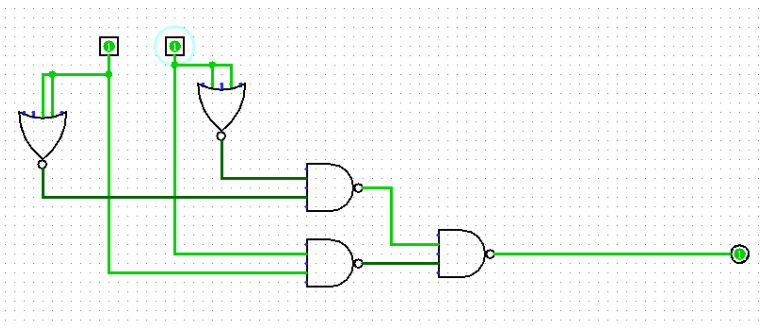
Method 1 (NAND)



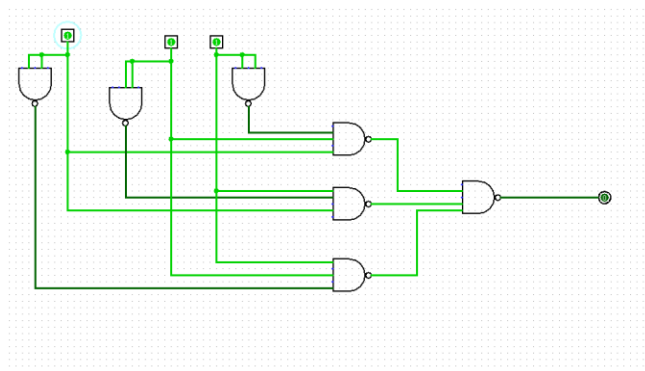
Method 2 (NOR)



Method 2 (NAND)



Q4



a	b	c	x
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	1
1	0	0	0
1	0	1	1
1	1	0	1
1	1	1	0