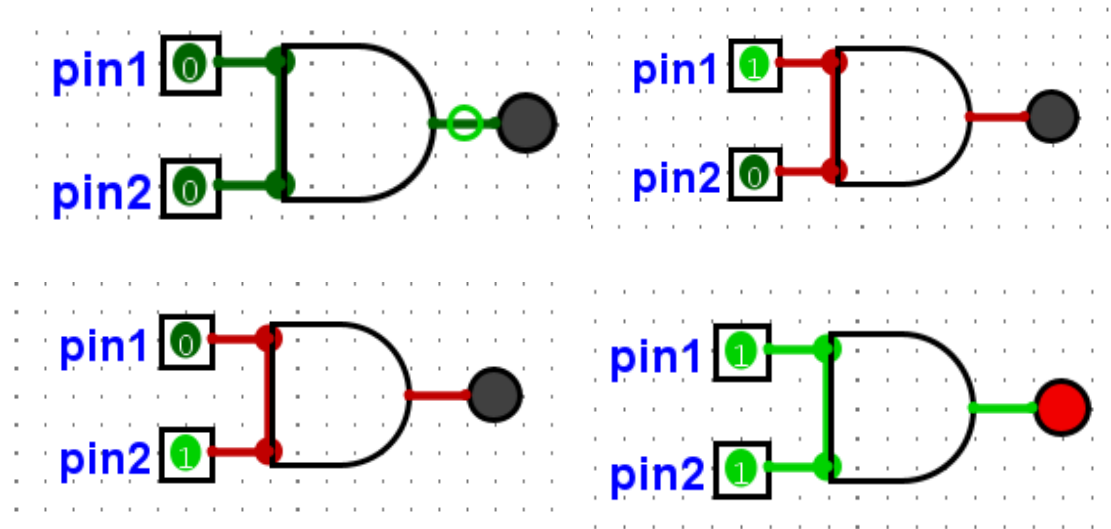


Lab Work Week 1

Name: Le Quang Hai
Student ID: 104175779

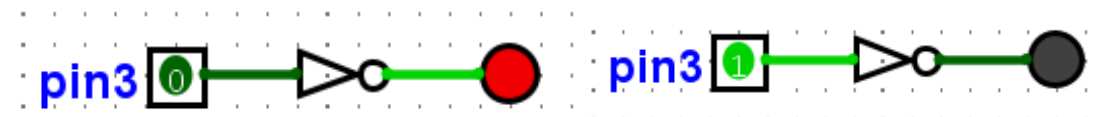
1. AND gate:

pin 1	pin 2	output
0	0	0
0	1	0
1	0	0
1	1	1



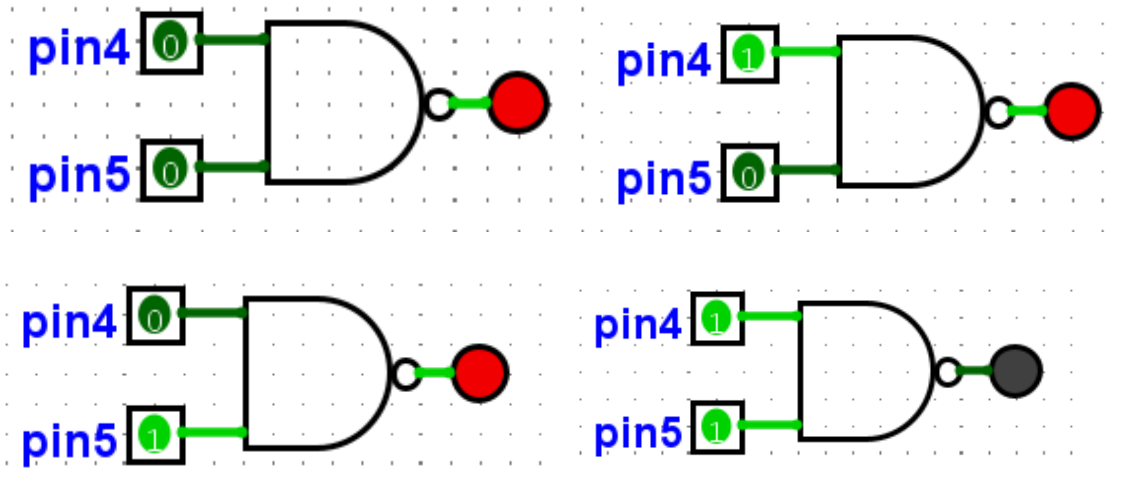
2. NOT gate:

pin3	output
0	1
1	0



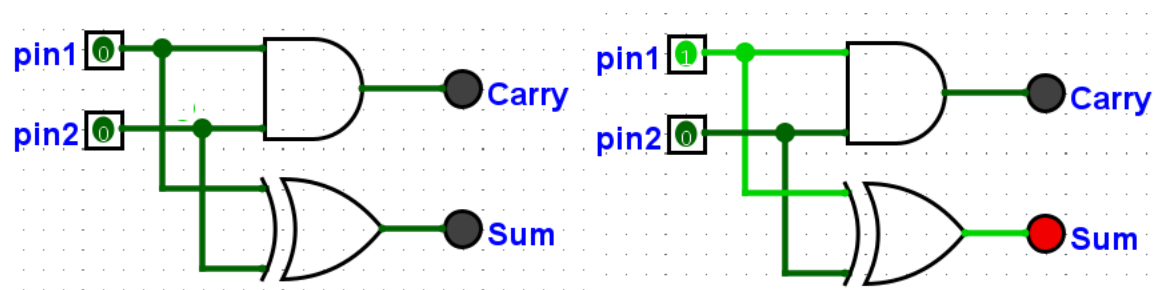
3. NAND gate:

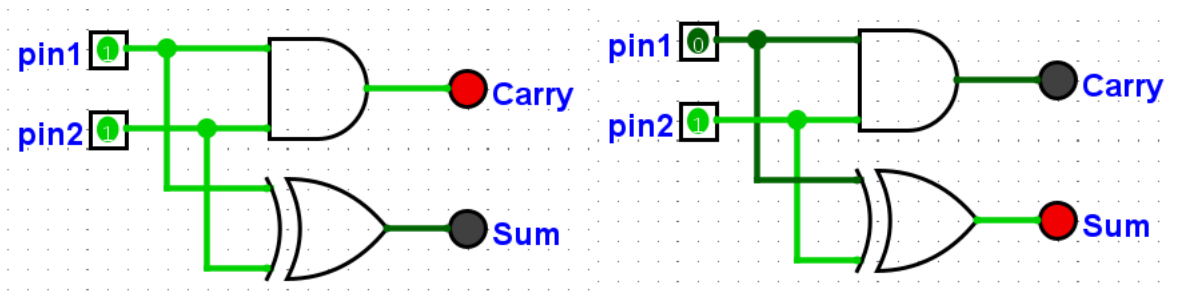
pin4	pin5	output
0	0	1
1	0	1
0	1	1
1	1	0



4. Half adder:

pin1	pin2	carry	sum
0	0	0	0
1	0	0	1
0	1	0	1
1	1	1	0





5. Full adder:

input1	input2	carry in	sum	carry out
0	0	0	0	0
0	0	1	1	0
0	1	0	1	0
0	1	1	0	1
1	0	0	1	0
1	0	1	0	1
1	1	0	0	1
1	1	1	1	1

