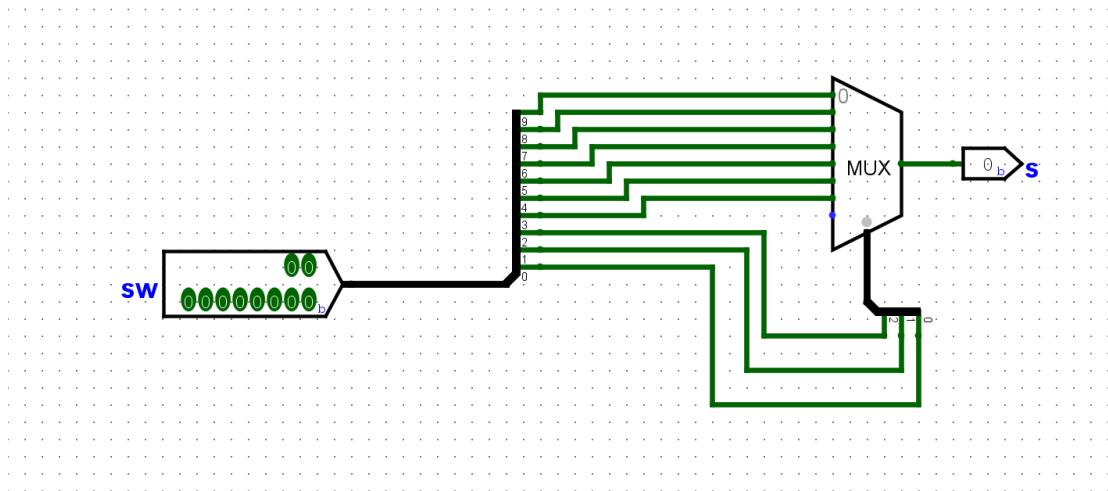


# CSC258 lab3

## Part1:

1. Select input should be 3. In total, 10 inputs.



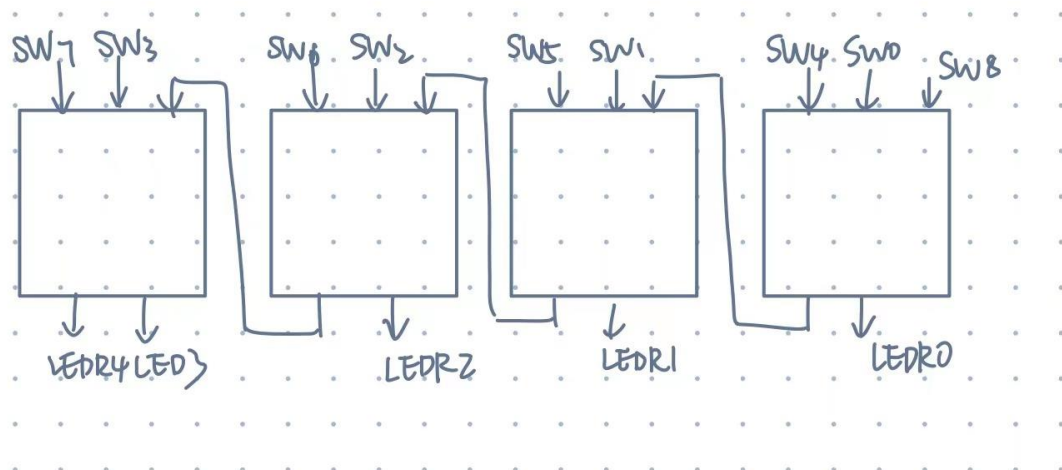
- 2.

Passed: 7 Failed: 0

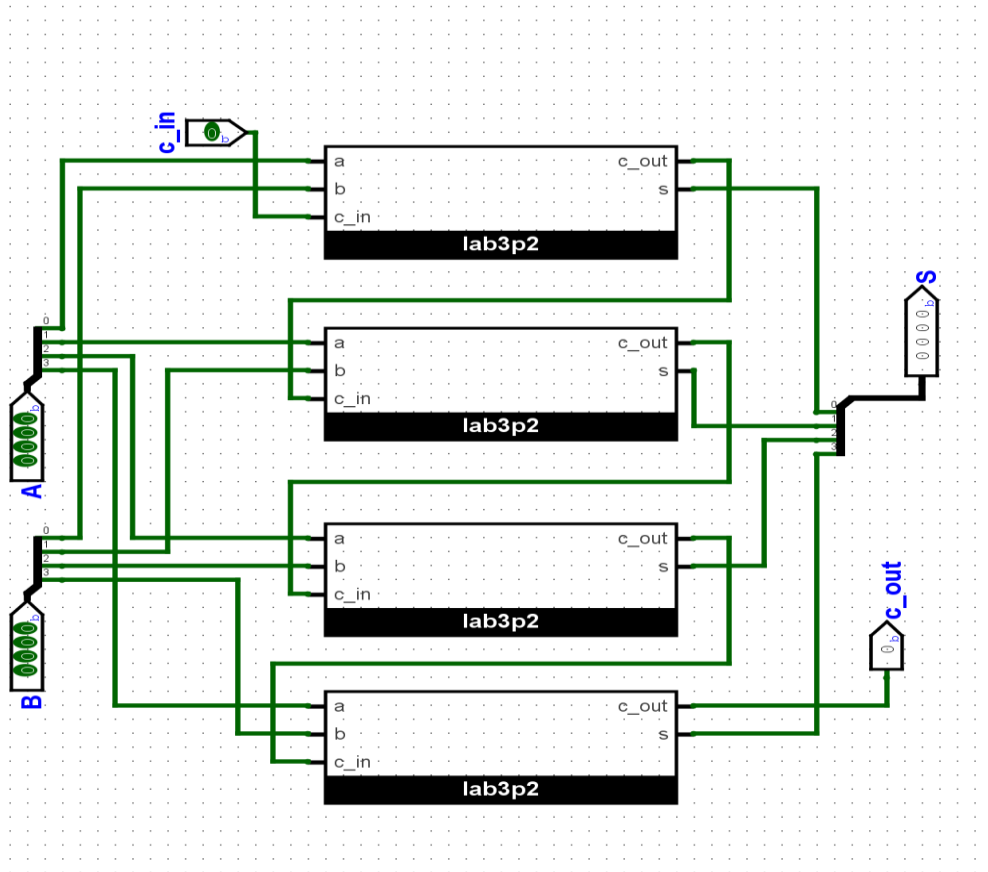
status	sw	s
pass	00 0000 0000	0
pass	11 0000 0001	1
pass	10 0100 0010	0
pass	11 1001 0011	0
pass	00 1100 1100	0
pass	11 0010 1101	0
pass	11 1100 1110	1

- 3.

## Part2



- 1.



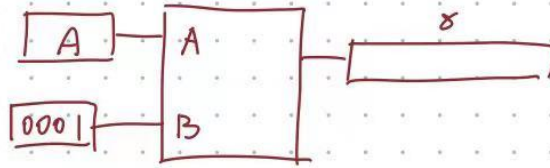
2.

status	A	B	c_in	S	c_out
pass	0000	0000	0	0000	0
pass	0001	0001	1	0011	0
pass	1111	1111	0	1110	1
pass	1100	0011	0	1111	0
pass	0000	1111	1	0000	1

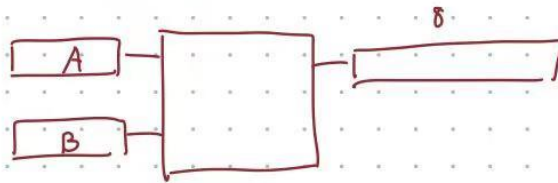
3.

Part3

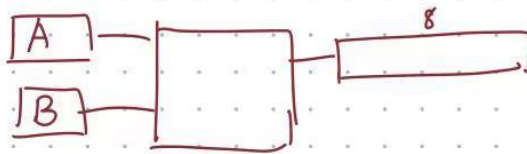
0:



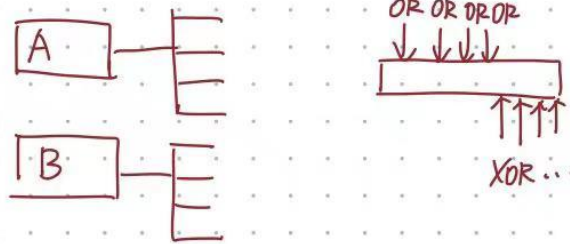
1:



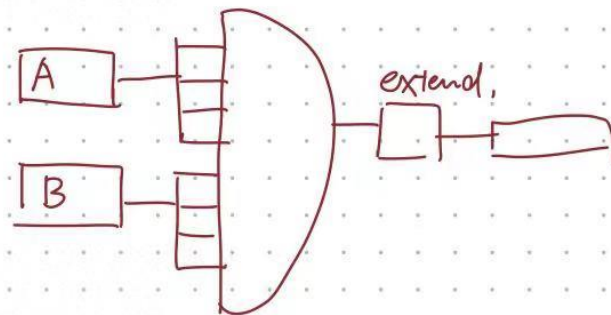
2:



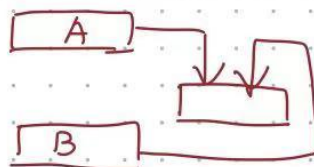
3:

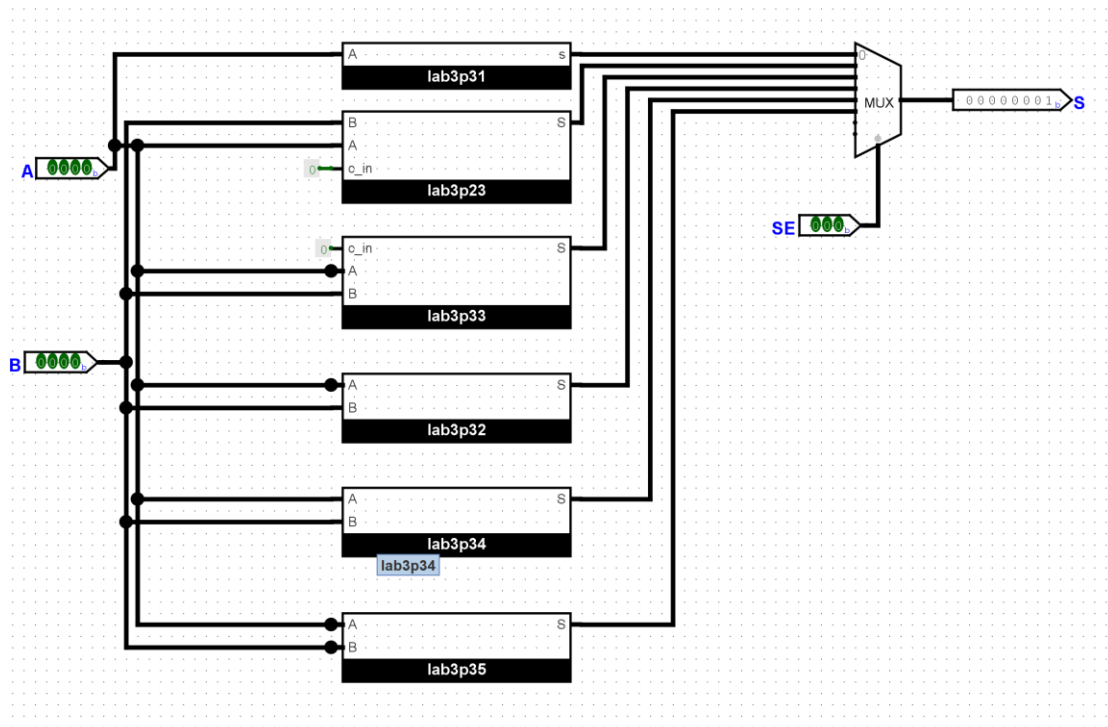


4:



5:





2.

status	A	B	SE	S
pass	1111	0000	000	0001 0000
pass	1110	0000	000	0000 1111
pass	0000	0000	001	0000 0000
pass	0001	0001	001	0000 0010
pass	1111	1000	001	0001 0111
pass	0000	0000	010	0000 0000
pass	0001	0001	010	0000 0010
pass	1111	1000	010	0001 0111
pass	0000	0001	011	0001 0001
pass	1111	1111	011	1111 0000
pass	0011	1000	011	1011 1011
pass	0000	0000	100	0000 0000
pass	0001	0000	100	0000 0001
pass	1111	1111	100	0000 0001

3.