

# Lab 7

Tuesday, October 25, 2022 6:08 PM

Isabel Sutedjo

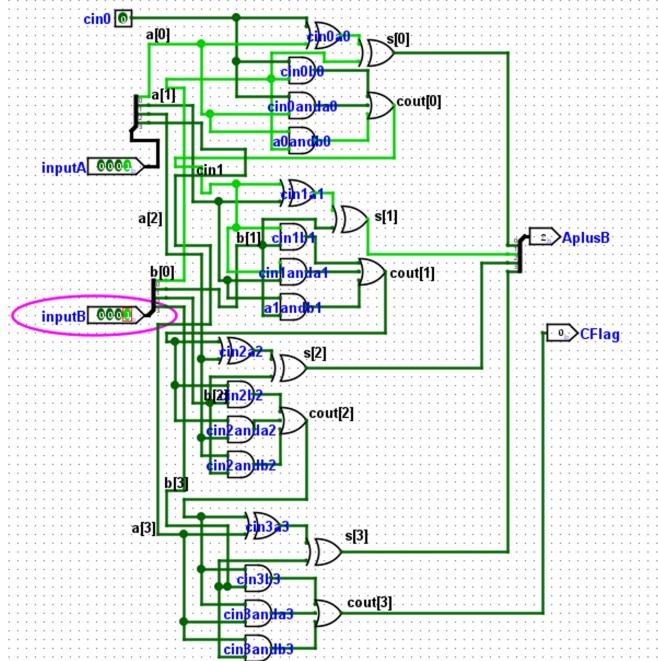
I pledge my honor that I have abided by the Stevens Honor System.

Task 1:

I expected input a = 1, input b = 1, a + b output = 2

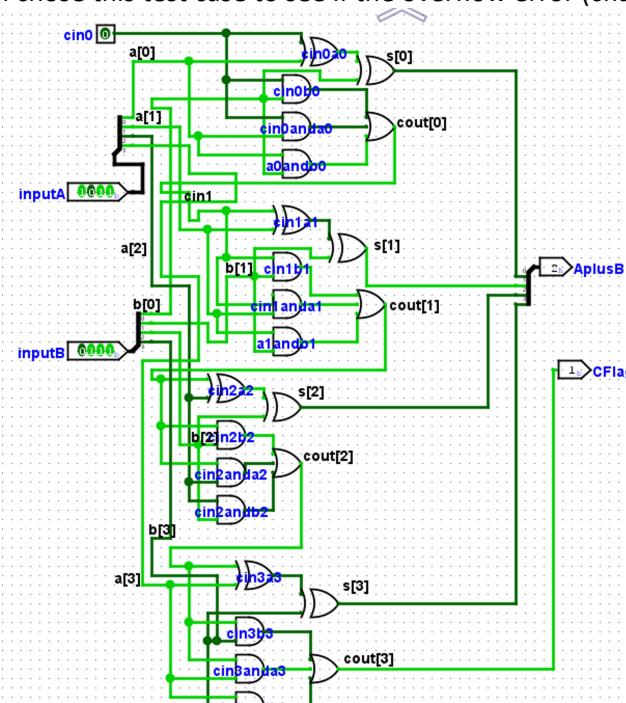
I chose this test case as a basic test to see if  $1 + 1 = 2$

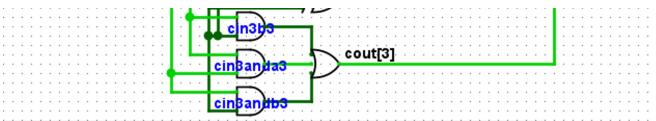
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I expected input a = 11, input b = 6, a + b = 17, max value is 15, there is overflow

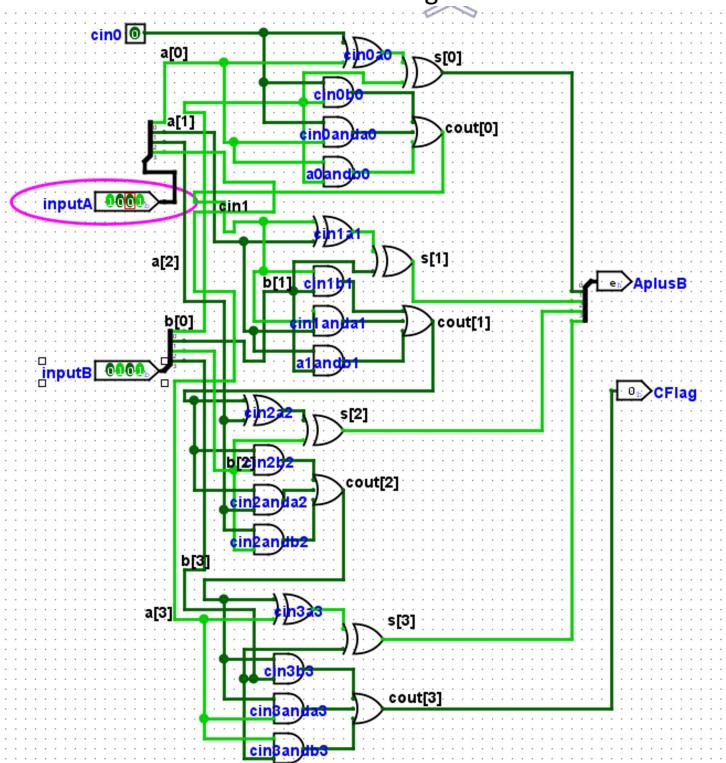
I chose this test case to see if the overflow error (cflag) would work





I expected input a = 9, input b = 5, a + b output = 14

I chose this test case to check for higher numbers

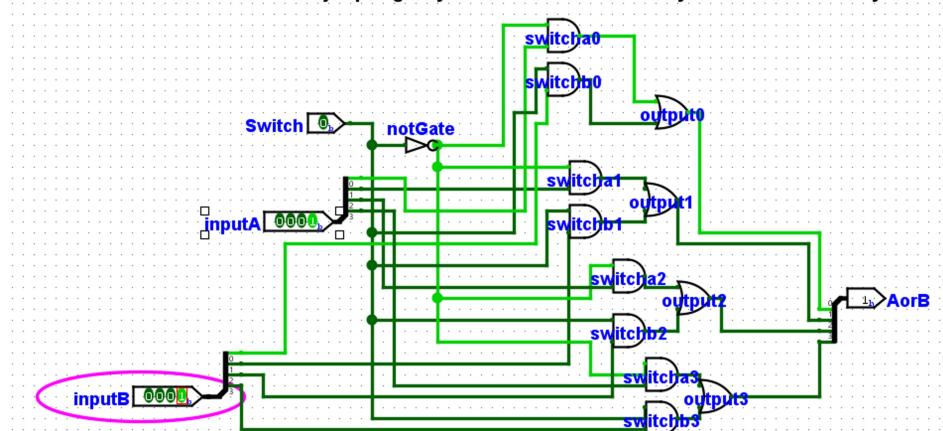


Task 2:

I expected input a = 1, input b = 1, a or b output = 1

I chose this test case as a basic test to see what would happen with 2 of the same number

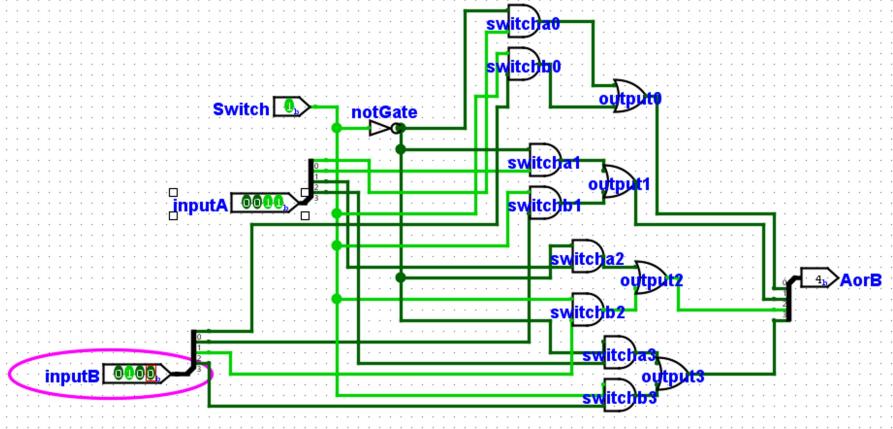
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I expected input a = 3, input b = 4, a or b output = 4

I chose this test case to see what would happen when the switch gets turned on

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I expected input a = 9, input b = 15, a or b output 9

I chose this test case to check that the output is correct when the switch is turned off

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