

Assignment 7 is the same as Homework 5 for CS 5 Black:

<https://www.cs.hmc.edu/twiki/bin/view/CS5/Homework5Black>

except that you don't have to do Problem 0.

This assignment is Individual, not collaborative. You may ask questions of fellow students, but your solutions need to be your own.

You should start doing the reading and get familiar with the logisim app before the next class meeting, at which time we will cover enough of the theory.

You can also read about the theory in the CS5 Textbook, sections 4.1-4.3

<http://www.cs.hmc.edu/~cs5grad/cs5book.pdf>

and for still more depth, my own book here:

<http://www.cs.hmc.edu/~keller/cs60book/%209%20Proposition%20Logic.pdf>

Logisim is available on the CIS machines and downloadable free for your personal machine. Here is a description of how to get it:

<https://www.cs.hmc.edu/twiki/bin/view/CS5/AdvancedAdditionGold>

After you have downloaded logisim, there is a starter file:

<http://www.cs.hmc.edu/~cs5grad/cs5/hw5.zip>

This file will make sense when you open it with logisim.

Submit your solutions as a07.circ.