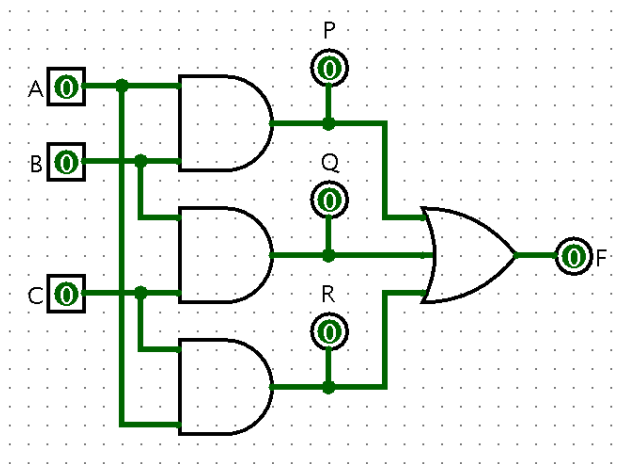


Homework 1: Introduction to Logisim

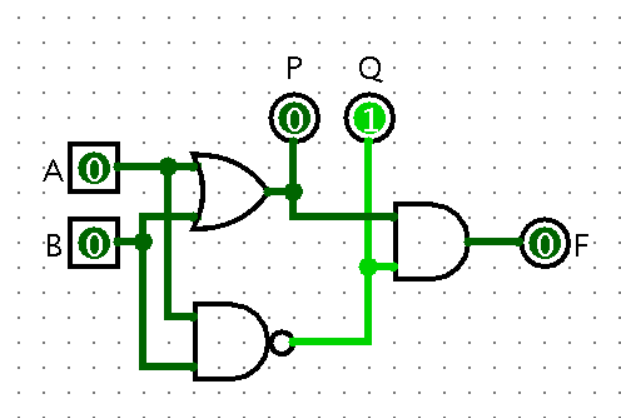
Due Date: Turn this in before class on Tuesday, January 19th.

1. Build the circuits below in Logisim. Name the files as described. Put your name in each circuit as text at the top left of the page.
2. For each circuit, create a test vector file shows all possible inputs for the circuit, and the values of all output pins. Give the vector file the same name as the circuit; e.g., for hw1-1.circ, create a vector file named hw1-1.txt.
3. Create a directory in your gdrive turn-in folder named **Homework 1**, and copy the files into this new directory.

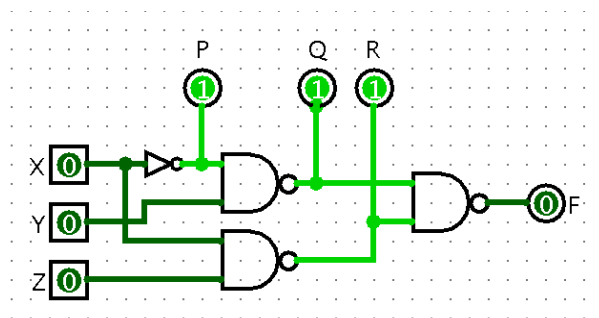
Circuit 1: Save this as hw1-1.circ



Circuit 3: Save this as hw1-3.circ



Circuit 2: Save this as hw1-2.circ



Circuit 4: Save this as hw1-4.circ

