Welcome!

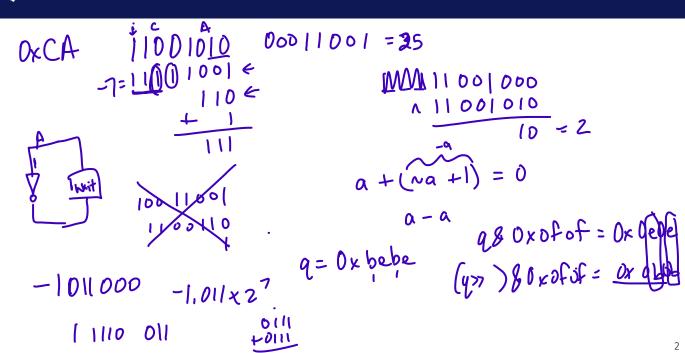
Clocks, Other Hardware

CS 2130: Computer Systems and Organization 1 September 12, 2022

Announcements

- Homework 1 due tonight!
- Homework 2 available tomorrow (and in class on Wednesday)

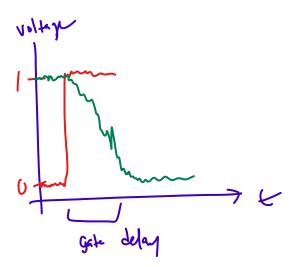
Quiz Review



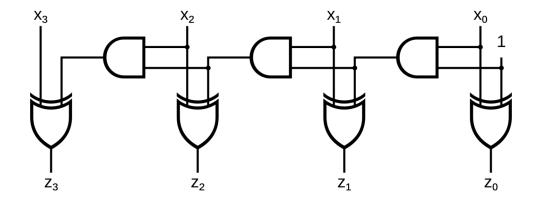
Gate Delay

What happens when I change my input?

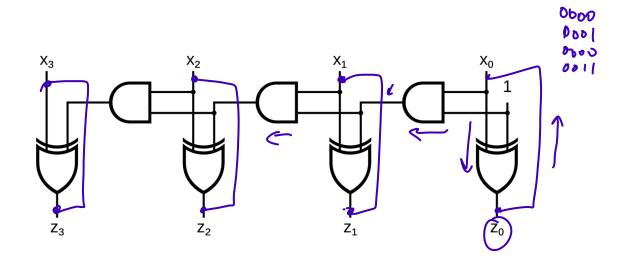




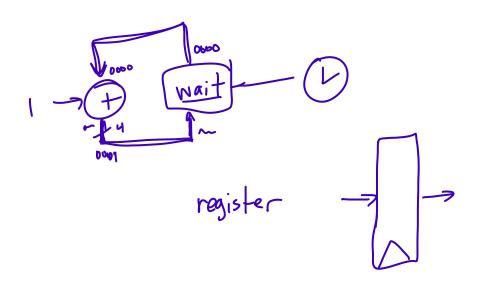
Increment Circuit



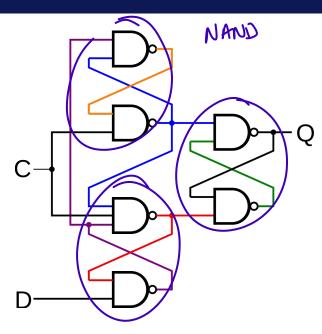
Building a Counter

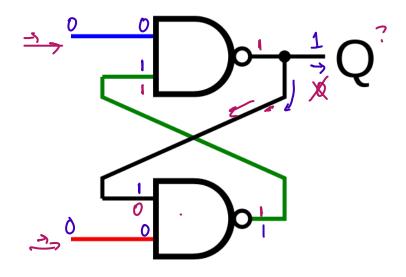


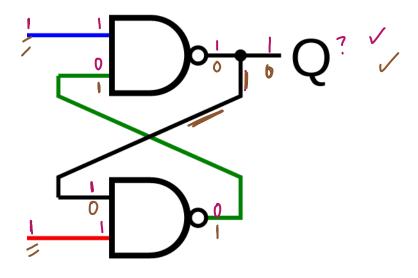
Building a Counter

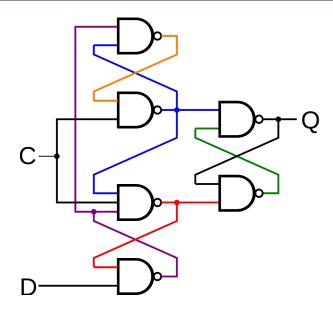


Building a Counter - Waiting









Building a Counter