## Resources

- Syllabus
- Examples from class
- Command-line tutorial
- Modern Microprocessors: A 90-minute Guide
- GWSL, a tool to make it easy to use graphical apps within WSL

### git and ssh

- Setting up `ssh` to connect to `cs2810.cs.dixie.edu` without typing a password:
  - Written instructions
  - Screencast demo (note, the written instructions are slightly simpler—open that page and follow along while you watch the screencast).
- `git book`
- `cheat sheet`
  - Screencast on setting up PuTTY on Windows to connect to `cs2810.cs.dixie.edu`

### Learning vim

- Type `vimtutor` to launch a basic tutorial
- Screencast covering useful ways to enter insert mode

### Screencasts

- Binary and hexadecimal number systems (Khan Academy)
- Two’s complement review (11:44)
- Float review (13:47)
- Converting numbers to floats (10:23)
- Python script to convert 9-bit floats into decimal fractions
- Setting up ssh: the best way for Linux, macOS, or WSL users to connect to leghorn
- Getting started with grind and the ARM64 sum function
- Example ARM64 problem: wordcount with intro to gdb

### Assembly language
Midterm exam practice

- Binary/decimal/hex practice problems
- Two's complement practice problems
- Float practice problems