Readings are from our textbook, Computer Organization and Design ARM Edition: The Hardware Software Interface. Changes to the schedule will be announced in class.

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

### Assembly language

- ARM64 assembly language notes [html] [pdf]
- Slides from class
Midterm exam practice

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