### Resources

- Syllabus
- Examples from class
- Command-line tutorial

### git and ssh

- How to set up ssh (public key, firewall)
- git book
- cheat sheet

### Screencasts

- 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 PuTTY: the best way for Windows users to connect to leghorn
- 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

### Log

- Week 1
  - ch 1.1–1.2, introduction, syllabus
  - ch 1.3–1.4, i/o devices, high level vs low level
  - ch 1.5–1.7, interpreters, compilers, assembly language, performance
- Week 2
  - ch 2.1–2.3, assembly language instructions, registers, memory access
  - ch 2.4, signed and unsigned binary numbers
  - ch 2.5–2.7, logical operations, decision making
- Week 3
  - ch 2.8–2.9, procedures, strings
  - ch 2.10–2.11, wide constants, synchronization
- Week 4
- ch 2.12–2.13, compiler toolchain, C program example
- ch 2.14–2.18, pointers, other instruction sets
- ch 2.19–2.22, details of ARMv8