

Announcements

- **Assignment 1 grade reports were emailed out this morning.**
 - Median grade was a perfect 56 out of 56.
 - Average style grade was halfway between a 'solid' and a 'minor-problems'.
 - Functionality counts five times as much as style in CS110.
 - I care about software engineering and code clarity, but I care about working code more.
 - Style grades translate as follows:
 - **exceptional** -> 105%
 - **solid** -> 95%
 - **minor-problems** -> 80%
 - **major-problems** -> 60%
- **Assignment 2 falls due this Wednesday at 11:59 p.m.**
- **Assignment 3 goes out on Wednesday, not due for 12 days.**
- **Readings:**
 - Finish reading B&O Chapter 2 (Chapter 10 of full textbook) so you can confirm that you know most of the material there, as I covered much of it during the first two weeks of lecture.
 - Finish reading B&O Chapter 1 (Chapter 8 of the full textbook), focusing on Section 5, which covers process groups, signals, and signal handlers, all three of which are relevant to your next few assignments.

Today

- **Today's topics are all kinds of awesome.**
 - We have a few lecture examples from this past Friday to work through. In particular, we want to implement a collection of miniature shells to illustrate how **fork**, **waitpid**, and **execvp** work together to do what we need to do.
 - I want to introduce the notion of a pipe, the **pipe** and **dup2** functions, and how they can be used to foster more sophisticated communication between the different processes.
 - Later today or first thing Friday, we'll begin our discussion of signals and signal handlers.