Overview

- Admin.
- Clicker Questions.
- Lessons from day one.
- Common parts of an algorithm.
- About the course.
- Getting started with Linux.
- Some administrative details (if there’s time).

Admin

- If you expect to have a long-standing interest in CS (even if you don’t plan to be a CS major), you can be on the csstudents mailing list and you can participate in CS Table. Email me to get added to the mailing list.
  - CS Table meets in JRC 224A at Noon on Fridays. We pay for your meal if you’re a student not on board.
  - This week, we’re reading Alan Turing’s Computing Machinery and Intelligence:
- The CS SEPC is hosting a study break tonight at 8pm in the CS Commons. Feel free to attend.
- With over sixty surveys between my two classes, I didn’t have time to respond to all of them yet. (If I’m lucky, I can respond to a survey in 10 minutes.) Give me a few days.
  - You can find some answers to questions in FAQ.
  - I’m also preparing a summary of lessons (currently only linked from today’s outline)
  - There seems to be some confusion about the relationship between outline and eboard.
    - outlines are prospective, they indicate what I plan to talk about
    - eboards are effectively retrospective, they record what we actually did talk about
  - Very few people even bothered to look up PGP or IRC.
    - We will be using IRC starting next week, but I will give you a short in-class introduction first.
    - And since some folks are concerned about revelations about Microsoft or the NSA, you might want to learn about PGP.
- For today’s lab (and only today’s lab), I’ll try to have one of you per computer. We will need to spread out to both labs, and even across the hallway.
- You have four (!) short readings for tomorrow: The Parts of an Algorithm, The DrRacket Programming Environment, Beginning Scheme, and How Scheme Evaluates Expressions (take 1).
- I’ll note that Dr. Davis and I seem to have taken very different approaches to today’s class.
- Any upcoming events? (talks, performances, games, etc)
- Instead of taking attendance, I will hand out out account information for the CS department workstations.
My, that was a failure.
Mr. Stone is in class now, so if I don’t have a card for you, you’ll need to find him after class.

**Clicker Questions**

- A quick question on policies

**Lessons from day one**

- You need to understand
  - that the person following instructions may have limited knowledge
  - and what that limited knowledge is
  - traditional writing issue: know your audience
- Explain clearly
- Adapt!

**Common parts of an algorithm**

- We name things - Variables
  - "Your dominant hand"
  - The jar
  - The piece of bread
- We make choices - Conditionals
  - If you still have something in your right hand, place it gently on the top surface of the table
  - Which thing to start with
  - If there’s a screw-top lid, do ...; if there’s a pry-top lid, do
- We repeat actions
  - Unscrew lid
- We group actions and name them - Functions, Procedures, Subroutines
  - "To open a jar"

**About the course**

*Not covered*
Getting started with Linux

Some administrative details (if there’s time)

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