CSC151.02 2013F, Class 03: An Introduction to Scheme

Overview

- Admin.
- Clicker Questions.
- Lab.
- Reflection.
- Why use programming languages? (Optional).
- Scheme history (Optional).
- Scheme basics (Optional).

Admin

- Today’s list of lab partners is traveling around the room. Groups of three probably want to be in the back or front.
- Meet Jennelle Nystrom, our Tuesday mentor.
- Evening tutors start tomorrow night and will work 7pm-10pm Sunday to Thursday.
  - If you feel you need additional tutoring, we can arrange small group tutors and individual tutors
- I’ve traditionally taught today’s class starting with lecture and then followed with lab. As part of my attempt to lecture less, we’re going to try reversing that order.
- I’ve assigned partners today:
  - Look at one of the sheets scattered around the room (or at the Partners link on the Web site) and find your partners.
  - Groups of three should probably use the computers at the east end of the room, since they are easier to group around.
- We plan to distribute your first homework assignment tomorrow.
- Readings for tomorrow:
  - Numeric Values in Scheme
  - Symbolic Values in Scheme
- EC opportunities
  - CS Table Friday: Computing Machinery and Intelligence

Clicker Questions

- A few questions on everyday algorithms
- A few questions on Scheme
Lab

- Do the lab. Be prepared to reflect.

Reflection

- Parentheses are important
- Once misplaced piece of punctuation can screw you up
  - Instructions must be clear!
- Variables can vary.
- We learned how many seconds there are in a day, and we’ve now committed it to memory.

Why use programming languages? (Optional)

Scheme history (Optional)

Scheme basics (Optional)

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