CSC-151

Friday September 5

Fall 2025

AGENDA

1. Announcements
2. Review of reading
3. Lab
4. Wrap-up

ANNOUNCEMENTS

Coding Challenge 1

- **Released today on the website.**
- **Due next Thursday.**
- **Submit on Gradescope.**

Evening Tutors

- **In 3813**
- **Sunday through Thursday: 7-10pm**
- **Also Sunday 3-5pm**

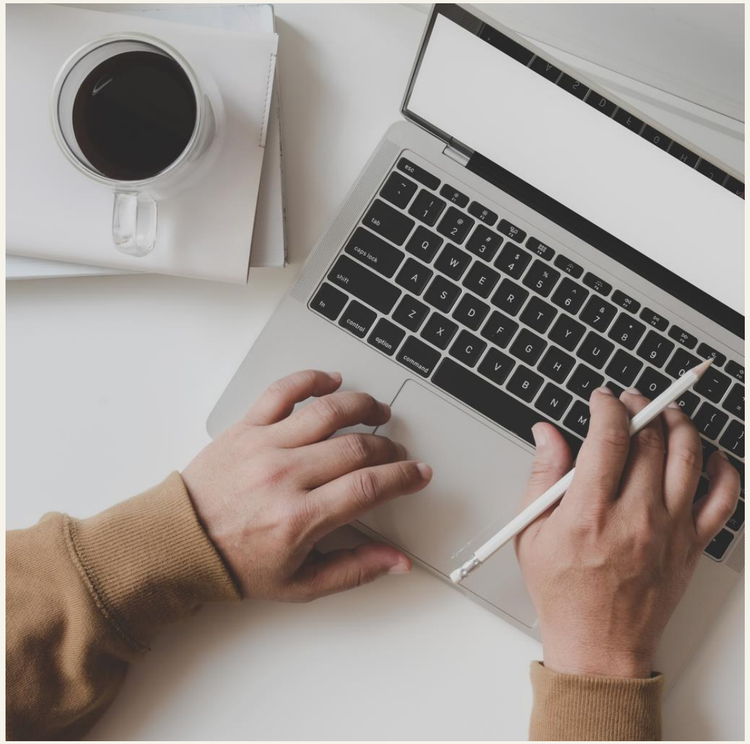
Collaboration Policy for Coding Challenges

- Complete individually
- **Recommended sources**: course website, your notes, lab solutions, instructors, evening tutors, mentors. No citation needed.
- **Not recommended:** classmates, the internet, GenAI. Citation required if used.
- Full list of collaboration policies: https://eikmeier.sites.grinnell.edu/csc-151-fall-2025/syllabus/#collaboration-and-resources
- How to cite: https://eikmeier.sites.grinnell.edu/csc-151-fall-2025/handouts/citations.html

An Aside: Why GenAI is not recommended for this class

While it may feel that GenAI makes you faster or at least can help you finish your homework faster, evidence suggests that it is actively harmful to your long-term learning and understanding. Educational harms include:

- Decreased cognitive skills, such as knowledge retention [1]
- Reduced critical thinking skills [2]
- Reduced writing ability [3]
- It may not actually make you faster [4] (come to CS table next Tuesday to discuss, meet with other students, and earn a token!)



(MORE) ANNOUNCEMENTS

- There are token events on the spreadsheet (Friday & Saturday)
  - Add your events too!
- Fill out the mentor session survey sent out by Tiffany.
- Anything else?

What questions do you have right now?

Think-pair-share

Think - pair – share

We follow a *think, pair, share* model for many discussions in this class. I will ask you one or more questions and then you will:

Think about the question yourself and try to come up with an answer.

Discuss your idea with your neighbor(s) and try to reach agreement.

Include anyone near you who looks like they don’t have a neighbor to talk to!

Be prepared to share your answer/thoughts when I call on you

READING REVIEW

1. **What format can a well-formed expression take on in Scheme?**

2. **Demonstrate the evaluation of the following Scheme code by following the substitutive model, by tracing the code.**

```
(+ (string-length "hello") 2)
```

Try doing these without looking at your notes!

NOTES FOR THE LAB

1. Make sure to read all instructions and information presented
2. You will need to login to the computer to complete the lab, but you will write your answers on paper and submit it to me at the end of class. [Or at the beginning of next class]

3. Demo the Scamper stepping tool

DON'T FORGET...

- Wednesday's lab is due tonight in Gradescope
- Today's lab is due Monday
  - If you didn't finish in class, you'll need to find time to meet outside of class
  - You can use a token to turn in a lab up to 48 hours late
- There are readings you need to complete and turn in by Sunday evening
- Start working on Coding Challenge 1