

The background features three vertical bars on the left: a wide light red bar, a narrower teal bar, and a narrow light beige bar. On the right side, there are two rectangular areas filled with a grid of small, light red dots, one in the top right and one in the bottom right.

CSC-151

Friday October 10

Fall 2025



AGENDA

1. Announcements

2. Reading Review

3. Lab

4. Wrap-up



ANNOUNCEMENTS

Quiz 5 graded

Quiz 4: Decomposition, Testing ● Graded

Select each question to review feedback and grading details.

Student
Will TestFullClass

Total Points
45 / 127 pts

Question 1
Learning Objectives 45 / 127 pts

✓ + 1 pt LO1 Primitive Types Satisfactory

✓ + 4 pts LO3 Conditionals Satisfactory

✓ + 8 pts LO4 Procedural Abstraction Satisfactory

✓ + 32 pts LO6 Decomposition Satisfactory

Ignore the numbers, they don't mean anything

The list of checked items tells you which ones you passed on this quiz

ANNOUNCEMENTS

It's almost fall break!

Before fall break we have ...

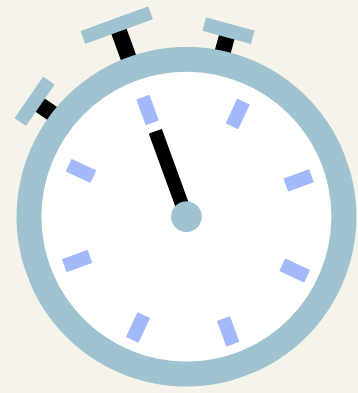
- One more quiz
 - New topic: list recursion
- One more coding challenge
 - CC6 is out today
- One more CS Table
 - Topic TBD
- One more CS Extra
 - Topic:

Coding Challenge Redos

- CC2 soft deadline: October 13
- CC3 soft deadline: October 29

- All revisions have a hard deadline of December 12

- You may submit at most **2 revisions** in each weeklong revision period (Sunday to Saturday).



Course logistics questions?

READING REVIEW

1 What is our recursive definition of a list?

2 Fill in the three blanks for the following generic recursive procedure

```
(define some-recursive-procedure
  (lambda (lst)
    (match _____
      [ _____ <exp1>]
      [ _____ <exp2>])))
```

Recursion Discussion

Are we starting to understand recursion?

If the given list is very simple, then the answer is very simple.

If the given list is not very simple, do one step and hand off the rest of the work to your "assistant".



Questions?





NOTES FOR THE LAB

Don't forget to add documentation and tests to every problem today.

DON'T FORGET...

- **Start CC6**
- **Have a great weekend!**

