

The background features three vertical stripes on the left: a wide light red stripe, a narrower teal stripe, and a narrow light beige stripe. The right side of the background is white with a grid of small, light red dots that fades out towards the center.

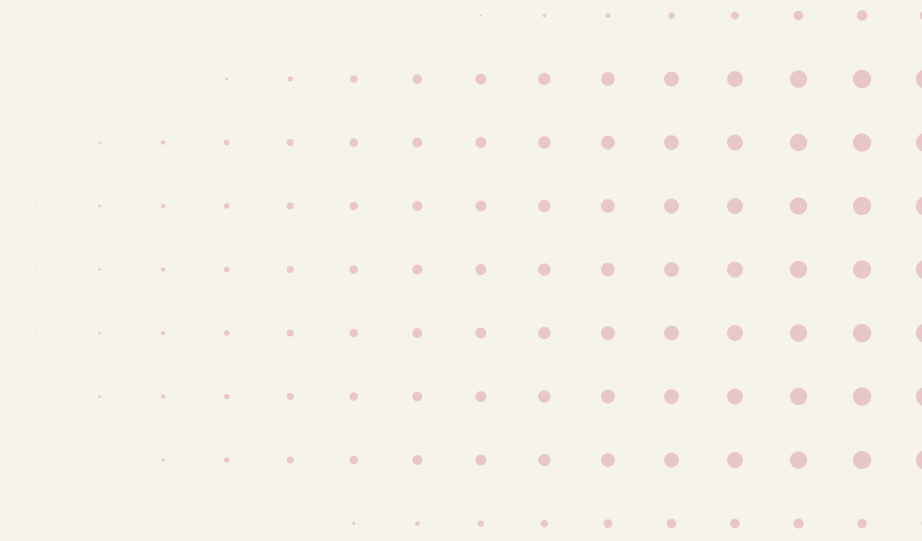
# CSC-151

**Monday December 8**

**Fall 2025**



# AGENDA

- 1. Announcements**
  - 2. Reading Concepts**
  - 3. Lab**
  - 4. Wrap-up**
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# ANNOUNCEMENTS

## Class Schedule

- Today: Counting Operations
- Wednesday : **Project Presentations**
- Friday: Finish **Project Presentations** and Class Wrap Up
  
- **Finals Week: Final Quiz opportunity**  
All quizzes will be in 3813
  - Tues Dec 16 2pm
  - Wed Dec 17 9am
  - Thr Dec 18 9am

## Deadlines

- **Final Project due December 12**
- **All CC Revisions due December 12**

When do you want to take the final quiz ?

Survey on Gradescope, let us know.

# Counting Operations

**Task: I want to find the number of steps in the Eiffel tower, and tell my friend.**

**What are different ways I could accomplish this task?**

**Can we come up with different methods which take different amounts of *time* to accomplish this task?**



# Counting Operations

What happens to the runtime of each method if the tower is much taller?

What happens to the runtime of each method if the tower is much shorter?



# READING REVIEW

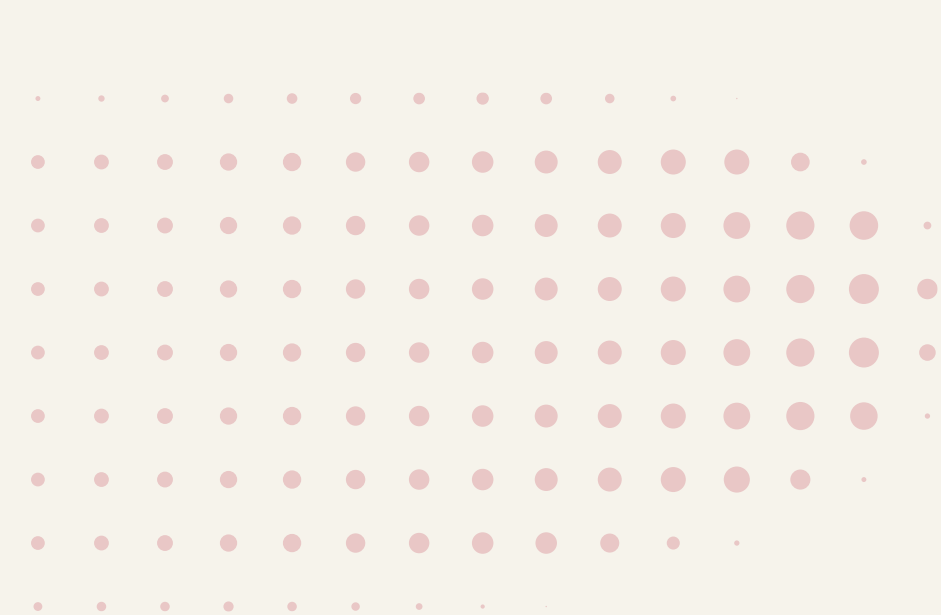
What did you say in the reading review, are these constant time or linear operations?

- `cdr`
- `list-ref`
- `vector-ref`
- `map`
- `range`



# Questions?





# LAB



# **DON'T FORGET...**

- **Be prepared for your presentation on Wednesday!**

