

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

**Friday November 14**

**Fall 2025**



# AGENDA

**1. Announcements**

**2. Reading Review**

**3. Scamper Demo**

**4. Lab**

**5. Wrap-up**



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# ANNOUNCEMENTS

## Course Schedule

- There is no reading (yet) posted for Monday. I'm working on it!
- No more new CC's – work on revisions!
  - Be careful to not make simple mistakes: use the correct filename
- Next week we start our final project. More about that soon.

## Quiz schedule

- Quiz 8 is graded
- Quiz 9 next week (vectors, data abstraction)
- Quiz 10 Wednesday November 26 (redos only)
- Quiz 11 Finals week (redos only)

## Reading for today

- There were (are) some bugs in the reading for today. Error can only take one argument

# READING REVIEW

1

The reading presented names as something we might want to store in a custom data structure. Come up with at least one more example of something that we might want to design special features for storage.

2

What is the purpose of a *kernel* and a *husk* in programming practice?

```
(define longest-string-length-kernel
  (lambda (strings)
    (reduce max (map string-length strings))))
(define longest-string-length
  (lambda (strings)
    (cond
      [(not (list? strings))
       (error "longest-string-length: expects a list
              of strings, received a non-list:"
              strings)]
      [(null? strings)
       (error "longest-string-length: expects a *non-empty*
              list of strings, received an empty list")]
      [(not (fold (lambda (acc x) (and acc (string? x))) #t strings))
       (error "longest-string-length: expects a list of strings,
              received a list with non-strings" )]
      [else
       (longest-string-length-kernel strings)]))
```

# Self Check #1

**It was tricky!**  
**Let's look at it together**



# Questions?



# LAB



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

- **Work on revisions**
- **Make safe choices this weekend**

