



CSC-151 Spring 2026

Monday April 13

Today's Agenda

1. Announcements
2. Reading Review
3. Lab
4. Wrap-up



Announcements

Coding Challenges

Coding Challenge 8 due yesterday

Any questions?

CC6: Redo #1 due Friday

Get in other redos as you have time

CC5: Redo #1 graded

Coding Challenge 7 graded?

Upcoming Quiz Schedule

This week: Data structures + redos

Next week: All redos (full 80 minutes)

Finals week: Last chance for redos (full 80 minutes)

Computer Science Events

Alum at all these events: Ali Akgun

CS Table tomorrow @ noon in Noyce 2022

Convocation on Thursday @ 11

Colorstack Alumni Panel Friday @ 4, registration on handshake required



Mentor Session tomorrow!

Reading Review

01

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 we might want to design special features for storage.

02

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))
```

Demo self-check #1

Lab



Upcoming & Reminders

- Get in Coding Challenge 8 if you haven't already
- Get in other coding challenge redos
- Prepare for the quiz

