



CSC-151 Spring 2026

Friday March 6

Today's Agenda

1. Announcements
2. Reading Review
3. Coding Demo
4. Mid semester evaluation
5. Lab
6. Wrap-up



Announcements

Coding Challenges

Coding Challenge 6 is out

- Not due until Sunday March 29
- It's not that it's super difficult, just want to give you flexibility in when you work on it

Revisions:

- Coding Challenge 3 redo due today

Important Reminder

- Our mentors and evening tutors are employees
- When you interact with them they are doing their job, they deserve respect and kindness, your questions to them should be on topic
- **We expect this kindness and respect in all dimensions of our department: in class to your peers, outside of class with other students and employees**
- We have reports of poor interactions 😞



Looking to after spring break:

- Coding Challenge 6
- List recursion quiz

Reading Review

01

The reading suggested three major list motions: *traversal*, *insertion*, and *deletion*. What category do you think each of the following procedures fall into?

```
>(intersperse 7 (list 1 2 3 4))  
(1 7 2 7 3 7 4)
```

```
>(drop-zeroes (list 1 3 0 8 0 0 1 0))  
(list 1 3 8 1)
```

```
>(count-true (list #t #f #t #t #f #f))  
3
```

Reading Review

02

Write a match expression to take different actions depending on whether the list is empty, has one element, or has more than one element.

```
(define some-procedure
  (lambda (lst)
    (match
      [ ... ]
      ...
```

Coding Demo

Options:

- **Extra 3 from lab on Monday (snoc)**
- **Question from the reading today (replace-first)**

Mid semester evaluation

Lab Notes

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



Upcoming & Reminders



- Today's lab is due Monday March 23
- Coding Challenge 6 is due Sunday March 29
- Have a great spring break!