CSC 151 Spring 2020
Topic: Conditionals

February 19, 2020

Day 13

Agenda for today

- Quiz 3 Feedback
- Peer Support Opportunities
- Exam 1 Questions?
- Conditionals
- Lab
- Wrap-up

Quiz 3 Feedback

```
(define second>?
  (lambda (lst1 lst2)
    (> (cadr lst1) (cadr lst2))))
```

```
> (and #t (proc -1) 5)
#f
> (or (exact? 7.0) (car my-lst) (cadr my-lst))
-6
> (not (proc (car my-lst)))
#t
> (filter proc my-lst)
'(2 4)
> (cons 12 my-lst)
'(12 -6 -5 1 2 3 4)
```

Peer Support Opportunities

Academic Extra Credit Opportunities

- **Declaring A CS Major**

Panel by current CS Faculty

Thursday 2/20 at 4pm, **Noyce 2022**

Exam 1 Questions?

Conditionals

Discuss with your partner what each of the following will produce

1. `(if #t "true" "false")`
2. `(/ 1 0)`
3. `(if #f (/ 1 0) (/ 1 2))`
4. `(+ 1 (if #t 4 5))`

Conditionals

Discuss with your partner how we could simplify this procedure

```
(define num->str
  (lambda (num)
    (if (= num 0)
        "zero"
        (if (= num 1)
            "one"
            (if (= num 2)
                "two"
                ...
```

Lab Time

Start with the person on the East side of the room.

Upcoming Work

Submit Exercise 3: Send the code for your legs procedure, and 3 example uses. Include 6P documentation.
To: csc-151-02-grader@grinnell.edu
CC: Your lab partner
Subject: CSC 151-02 Lab 2/19

Readings for Friday
Finish today's lab before class on Friday
Submit Lab write-up by Friday at 10:30

Exam 1 is due **tomorrow** by 10:30 pm