CSC 151 Spring 2020
Topic: Predicates and Filtering Lists

February 14, 2020

Day 11

Agenda for today

- Peer Support Opportunities
- Quiz 3 Topics
- Exam 1 Information
- Predicates and Filtering
- Lab
- Wrap-up

Peer Support Opportunities

- Men's Basketball, Saturday 1pm
- Track Meet, Saturday 9:30am, running events at 11am
- Swim Meet Friday, Saturday, and Sunday 10am start time

Quiz 3 Topics

Tables
Reading Lists and Tables from Files
Boolean Values, Predicate Procedures, and List Filters

Reminder: Mentor Sessions

Sundays 7-8 pm in Noyce 3819
Wednesdays 7-8pm in Noyce 3819

Exam 1

Will be posted by 5:00pm today – note will be posted on Piazza

- Due next Thursday
- Open Notes/Book/Web with citations
- You may only ask me (Professor Eikmeier) for help – no one else

See all other notes/hints about the Exam on slides from Wednesday!

Predicate Procedures

Discuss an implementation of each of the following predicate procedures with your partner(s). Be prepared to share an implementation.

(greater-than-three? *x*)
(not-equal-to-seven? *x*)
(odd-and-greater-than-14? *x*)

Filtering Lists

Write a scheme expression that filters a list, called lst to include only…

Strings
Numbers larger than 10
Numbers evenly divisible by 5

Lab Time

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

Upcoming Work

Please submit Exercise 2a by Monday at 10:30 pm. Send your implementation for `west-of-grinnell?` Include 6P documentation.
To: csc-151-02-grader@grinnell.edu
CC: Your lab partner
Subject: CSC 151-02 Lab 2/14

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

Exam 1

Due next Thursday at 10:30pm