Algorithm: The start of a class

1. Take any handouts
2. Take a card from your class mentor
3. Read the name of the workstation
4. Find the workstation's location on the map
5. Put the card in the jar
6. Sit down at the indicated workstation
7. If you are the second person there, introduce yourself
   Otherwise, wait for your partner and introduce yourself once they arrive

CSC 151 Spring 2020
Topic: Getting Started with Linux and Scheme

January 24, 2020

Day 02

Agenda for today

- Peer Support Opportunities
- Review of Friday
- Parts of Algorithms
- Lab
- Wrap-up

Peer Support Opportunities

- Men's Basketball, 1pm, Saturday

Department News

- Do you want to get this information straight to your inbox??
  - CS List Sign-up Sheet
  - Women and Gender Minorities in Computing Sign up Sheet

- CS Table

  Discussion of current events in technology and society

  Tuesdays 12-1pm inside the dining hall, in room JRC 224B

  Use your meal plan if you have one, or you can sign in at the JRC front desk if you don't have a meal plan (and we will pay for your meal)

Algorithm on Drawing a Flower

Things we learned:

- It helped to group instructions for repetition.
- Break the problem into pieces.
- If things go wrong in one step, the rest of the instructions are useless.

Benefits to working on a team:

- Learned other people's though processes/different perspectives.
- Less likely to collectively miss something, easier to find things that might go wrong
- Getting to know classmates

Questions from Homework 1

- I was born in Massachusetts
- I grew up in Lakeville Minnesota
- Hobbies: reading, playing board/card games, Netflix/Amazon
- Why do I like CS?

The most exciting part of learning CS (to me) is the satisfaction of having a working product after a lot of effort. There are also so many great opportunities to explore applications once you have a little programming knowledge.

- Why did I come to Grinnell?



Ezra

Questions from Homework 1

- **Quizzes are actually on Mondays – not Fridays**

- **How to cite your classmates/mentors/tutors:**

  on assignments, labs, project :

  "I worked with 'so and so' on this problem"

  on assignments, labs, project or exams :

  "Code snippet taken from Professor Eikmeier at *Website X*"

- **Questions about academic honesty**

  ZERO collaboration on exams and quizzes

  If you have any doubts in the moment, please email me

Parts of an algorithm

With the person sitting next to you, how many parts of an algorithm can you come up with?

- Don't look at your notes!
- Write down a definition for each
- Write down an example from an algorithm for making a peanut butter and jelly sandwich.

Questions?

- Questions about the reading?
- Questions about the discussion?

Lab Time

Work with the person sitting next to you.

www.cs.grinnell.edu/~eikmeier/csc151S20

Near the end of class I will tell you which exercise(s) you need to submit. You should have time to complete most labs in class.

Please Submit...

Getting Started with Scheme – Exercise 4

Send the contents of your definitions pane and the output from the interactions pane after fixing the missing definition.

Notes on submitting exercises

Send lab responses to csc151-02-grader@grinnell.edu

Subject Line: CSC 151-02 Lab 1/24

Include your responses in the body of the email, ***not as an attachment!***

You will receive full credit for serious attempts at lab exercises.

Lab exercises are due at 10:30pm on the next class day. (Monday)

Upcoming Work

BEFORE LEAVING: Turn in your computer card and clean up around you

Finish today's labs before Monday (if you didn't already).

Quiz 0 on Monday

Mentor Session on Sunday at 7pm

Readings on data types

Read before class on Monday.

Be prepared to discuss in class on Monday.

Lab Write-Up

Submit by 10:30 pm on Monday.