

Lecture 1.2 – How Computers Work

Specific Learning Objectives:

1.1.8 – Understand the concept of working directories.

2.1.1 – Understand how file systems are structured and organized.

2.1.2 – Understand how to navigate file systems using a GUI interface.

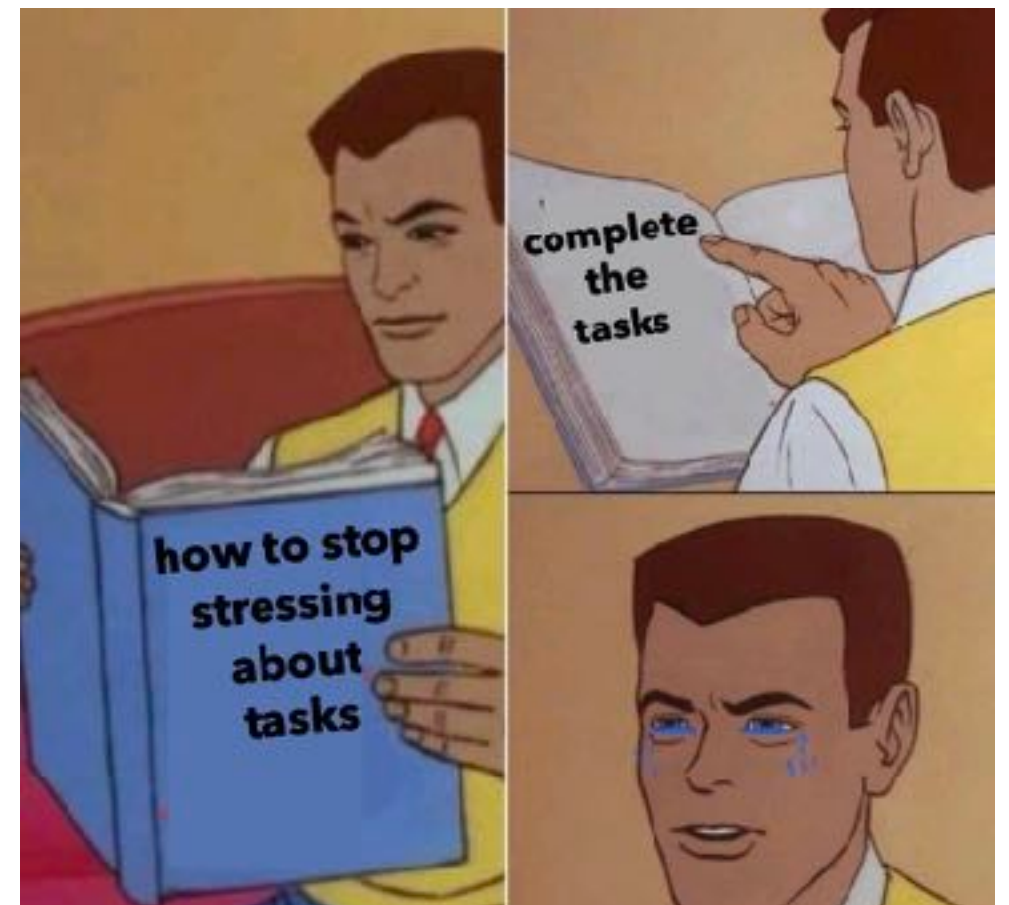
2.1.3 – Use directories to organize course work.

Office Hours

- Monday 9 AM - 11 AM
- Tuesday 9/6 only - 10 AM -11:30 AM

Tips for Excelling in this Course

- **Give yourself time to work (and put it down).** One of the most important tips is to schedule time to work on course content. Like, specific times in your calendar to work on coding assignments. **Don't get behind, and if you do, contact me for help!**
- **Work together!** There is nothing wrong with completing assignments together, just put your companions' names down on your assignment. Mix working together with working individually so that you can gain independence.
- **Coding is not as scary as you think.** Everyone in here can do this. But it's sometimes hard to fight the feeling. Be sure you're practicing recognizing and managing your own feelings about the course content. Why do you feel nervous? What could help you feel more comfortable? Actively seek these things out! **Do not respond by avoidance and procrastination, this will make the problem worse!**



Tips for Excelling in this Course

- **Use the internet.** Seriously, just google it first. Just about every question ever asked is only Stack Overflow or some similar website. If you pull a bit of code from somewhere, just include the URL in a comment on the assignment!

When you can't find an example of R code to steal from  **stackoverflow**



- **Just try stuff.** It's not 100% necessary that you understand exactly why something works for now. Just try stuff, and see if you can't narrow it down.

Today's Activity: Start Assignments 1.1, 1.2, & 1.3

- Please work in groups!**
- Assignments are on GitHub, but need to be turned in on Canvas**
- Enter your answers in a Word doc, Google doc, etc, just turn it in as a PDF**

Friday's Activity: Computer Games!

- Review Assignment 1.4 which has instruction for Computer Games. We'll play during class!**

Action Items

- 1. Complete assignments 1.1, 1.2, and 1.3 (due a week from today).**
- 2. Review Computer Games for the next class! (No video lecture.)**