CMPINF0401 Recitation

TUESDAYS 11:00-12:50

MICHAEL BARTLETT

Overview

- About Me
- Overview of this lab section
- Installing/Setting Up the JDK and an IDE
- Navigating via the Command Line
- Lab1

About Me

- I'm a sophomore studying Computer Science
- I try to be involved on campus
  - TAing
  - Pathfinders
  - ZBT
- I'm originally from Northampton, PA
- In my free time I like biking (when the weather isn't like this), lifting, video games, and going to different places in PGH

Office Hours

- My office hours are on Canvas on the "UTA Information" Page
  - Held in 5806 Sennott Square (Might change, I'll update the Canvas page if it does)
    - During remote use this link (Posted on Canvas): https://pitt.zoom.us/j/4751524776
    - Wednesdays 11:30AM-1:00PM
    - Thursdays 12:30-2:00PM
    - By Appointment (On Canvas): https://calendly.com/michaelbartlett17/30min
    - These will start next week, if you need to meet this week feel free to schedule using the calendly link
  - You can email me with any questions also: mab650@pitt.edu
- Slides (Link on Canvas): https://github.com/michaelbartlett17/cmpinf0401-recs

What will this Lab section entail?

- Unless your professor says otherwise, it's optional.
  - It is highly encouraged that you come though. We'll review what you learned and look at the lab that's assigned.
- I'll give a presentation about what you learned in the last week and then leave you time to work on your lab so you can ask questions during the section.

Installing the JDK & an IDE

- JDK Install (Link on Canvas): https://www.oracle.com/java/technologies/downloads/#jdk17-mac

- IDEs (as recommended by your Professor):

  - Mac: Atom: https://atom.io/

    - Also available on Windows

  - Windows: Notepad++: https://notepad-plus-plus.org/downloads/

Navigating the Command Line

Useful commands:

- cd PATH/TO/FOLDER
  - Takes you to the folder (directory) that you want to go to
- cd ..
  - Takes you out one folder
  - i.e., let's say I'm in my "Pitt" folder on my desktop and I want to step out to the desktop:
    - /Users/michaelbartlett/Desktop/Pitt
    - cd .. -> /Users/michaelbartlett/Desktop
- javac fileName.java
  - NECESSARY TO KNOW! Will compile your java program

Navigating the Command Line

Useful commands:

- java file
  - NECESSARRY TO KNOW! Will run your file.class that you just compiled
  - We'll check this out shortly
- Please use javac/java when compiling and running files. It's so easy to run right in an IDE, but using the command line is something that's never going away.

Lab1

Assignment:

- https://canvas.pitt.edu/courses/127916/assignments/820334?module_item_id=2735229

Starter Code:

- https://canvas.pitt.edu/courses/127916/files/8050341?module_item_id=2735228

- Once compiled and run this should print out:
  - "Hello this is [your name's] first program"
- You should be submitted both a screenshot of the output and your .java file (don't submit the .class file because the grader cannot view the code)