Introduction to 332 / 532

Semester Overview

You guys will be working with the C Programming Language in this course. It will require patience, practice, and a good attitude.

- ~13 Labs
  - Weekly labs
- 4 Homeworks
  - Given ~3+ weeks to work on each

You have the ability to ask us **any** questions, about **anything**.

(code, your environment, git, etc.)

Emailing a TA is going to yield the fastest response to a question that you have. When you email, **please CC all three of us.

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Submission Requirements

Please navigate to our submission requirement document on Canvas to follow along with this slide for your own information.

- Code **must** run on Vulcan
- Submit **.c** files on Canvas (.md, .h, etc.)
  - Please avoid zip/compressed files (they only slow down grading)
- Late submissions **result in a zero**

Major Grading Points:

- Code that does not compile results in 50% deduction
- Code that segmentation faults results in 30% deduction

Demo your code!

- You can demo any lab/hw before the due date
- Demoing is a win/win:
  - You get feedback
  - We grade faster
- You can use anything you want to demo (no Vulcan requirement)

Honor Code

- There is never a penalty to ask if you can do something
  - If in doubt, ask!
- You **CAN:**
  - Discuss labs (not HWs) with a peer, but submissions must be your own work.
  - Use the internet
    - If you use anything from the internet, you MUST cite it.
    - You have to expand on it, you can't just find the whole answer online
- You **CAN NOT:**
  - Discuss HWs with anyone except for the TAs and Dr. Unan
  - Have the majority of your code be from online.
  - Post any of the assignments online.
- We reserve the right to ask for a demonstration/explanation of any submission.
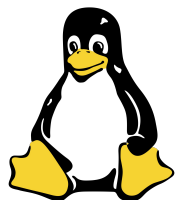
Recommendations

For success in this class, and future classes, we have a few recommendations that might be worthwhile to check out.

- Visual Studio Code (VSCode)
  - C/C++ Extension Pack
  - Rainbow Brackets Extension
  - Markdown All in One Extension

- Use the GNU C Library & Man Pages to help with understanding functions and syntax of the C programming language.

- Linux Variations: Ubuntu, Arch Linux, Debian

- Learning GitLab (or other version control variants; GitHub)

Masks

- Mandatory for entering the room (cover mouth and nose)
- We can hear you, please don't pull down your mask when talking
- Please keep mask on **at all times** during lab and our office hours

Good luck
for the
Spring 2022
semester!