

# CSc 352

# VIM

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# Announcements

- PA 1
- Did you purchase the textbook? Are you completing the readings?

# Text Editors

- Many text editors
  - GUI-Based: Notepad, TextEdit, Pycharm, Eclipse
  - Screen / Shell based: nano, emacs, vim
  
- Nano: A more beginner / basic editor
- Vim: My go-to for shell based editor
- Emacs: Another options - feel free to experiment with

# Vim

- Vi IMproved - An improved version of the original VI editor by Bill Joy
- VIM created by Bram Moolemar
  - [BDFL](#) for VIM
- Open source software
- Charityware
- Amongst programmers, a popular way to edit text files (including source code files) via a shell such as bash

# Modes

- At any given time, you are in one of the “modes” when using vim
- **Normal** - for browsing / viewing text
- **Insert** - for adding text
- **Visual** - Select text regions (like click-and-drag with a GUI)
- **Command** - for executing commands
- **Replace** - replace / type-over text

# Vim

- I'm going to show a few of the vim basics
- Up to you to go from the basics to being a competent programmer with vim
- Practice!
- Though technically you could get by in this course without learning vim / emacs, I would not recommend it.
- <https://www.openvim.com/>