Git Bootcamp

Computer Student Society

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What is Git?

- One of the many popular version control systems available

- Git is a tool used to manage code but can also be applied to any other type of document (**does not have to be code**)

Version Control

Records changes a person made to a document overtime. It can be used by one person or multiple people.

When should you use Git?

- **ALWAYS!!**
- Git is your best friend when it comes to any project big or small

Setting up Git

Create a Profile

Set Profile Name
- git config –global user.name "Peter Parker"

Set Profile Email
- git config –global user.name "Parker.P@midtown.net"

Set Default Editor
- git config –global editor="vim"

View our configuration (Optional)
- git config –global list

PRO TIP

Git allows for multiple profiles, so you could have a personal and school profile.

- A text editor that can run directly in a terminal without a graphical user interface

GNU Nano Text Editor
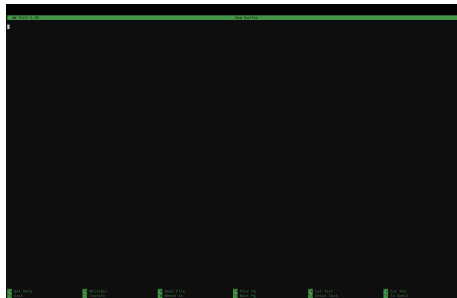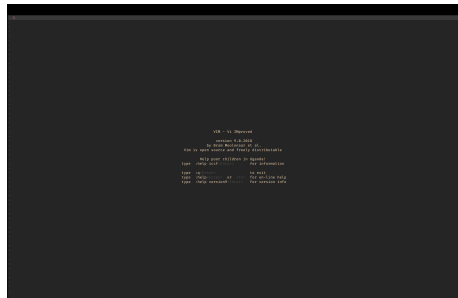

- Released in November 18, 1999
- User-friendly and easy to learn
- Developed and maintained by volunteers

Vim Text Editor

- Released in November 2, 1991
- Modal editor
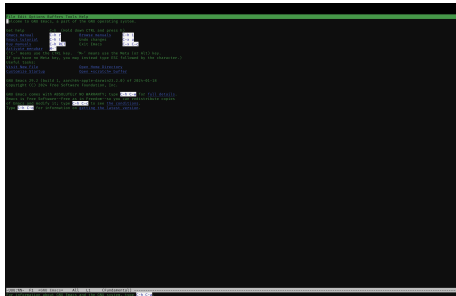- Highly customizable, many plugins available

Emacs Text Editor

- Released in March 20, 1985
- Created by GNU Project founder Richard Stallman
- Highly customizable

- Many modes for different purposes such as browsing the web

What makes a good commit?

- Detailed messages that someone can read that informs others about the changes you made to a document

Changes 4000 lines of code
```
> git commit -m "minor changes"
> git push origin main
```
Leaves