Week 8 Report

What is VIM?

- VIM is a command-line text editor that has evolved from VI. VIM stands for "Vi improved".

What is nano?

- Nano is a quick and efficient text editor. Allows you to explore the file system system using a terminal in Linux instead of using a graphical text editor.

Start and Quit VIM

- Starting VIM: Type the command: 'vim'
- Exiting VIM: Press esc, followed by typing ':qa!'

Different VIM Modes:

- Insert Mode: This mode is used for writing text.
- Normal Mode: This mode is used to manipulate text.
- Command Mode: This mode is used to enter vim commands.
- Visual Mode: This mode is used to navigate and manipulate text selections.
- Select Mode: This mode is similar to visual, used to navigate and manipulate text selections.
- Ex-Mode: Similar to the command-line mode, used for batch processing.

Insert Text in VIM

- You are able to create a file and open vim ath the same time by typing VIM followed by the file name:

  - Example: 'vim songs.txt'

- To insert text, must be in insert mode.

  - Navigate VIM by using the arrow keys.
  - Enter Key allows you to continue onto the next line.
  - Backspace allows you to delete text.

Saving a file in VIM

- Save a text file by doing the following:
  - Must enter normal using : and W key.
    - :w - saves the file
    - :w new.txt - saves the file as new.txt
    - :wq - saves the file and exits vim
    - :wq - saves the file and closes all files open in the buffer.

Searching for a word inside VIM

- To search for words in vim:

- Use / and the word you are looking for to search forward.
- Use ? and the word you are looking for to search backwards.
- The letter n will repeat the search for the next word.
- The * key will search for next occurrence of the word under the cursor.
- The # key will search backwards for the previous occurrence of the word under the cursor.

Deleting text in VIM

- There are many ways to delete text in VIM:
    - 'dw' will delete the current word.
    - 'dd' will delete the line under the cursor.
    - 'd + /word' will delete until the given word.