

week report 8

What is VIM?

Vim is a text editor for Unix that comes with Linux, BSD, and macOS. It is known to be fast and powerful, partly because it is a small program that can run in a terminal. It is mainly used because it can be managed entirely without menus or a mouse with a keyboard.

What is nano?

Nano is a text editor for Unix-like computing systems or operating environments using a command line interface. It emulates the Pico text editor, part of the Pine email client, and also provides additional functionality.

Describe in your own words how to:

- Start and quit vim to start up vim you enter the word vim into the terminal, this will cause vim to open and to quit vim you simply type `:q!`
- What are the different vim modes:
 - insert mode: used for writing text
 - normal mode: used for manipulating text
 - command mode: used for entering vim commands
 - visual mode: used for navigating and manipulation of text selections
 - select mode: similar to visual mode
 - ex-mode: similar to the command-line mode but optimized for batch processing
- Insert text in vim
- to insert text you open vim and press the letter i this will start insert mode allowing you to insert text
- Save a file in vim there are a few ways to save text in vim you can use:
 - `:w`- this will save the file
 - `:w new.txt`- will save the file as new.txt
 - `:wq`- will save the file and quit
 - `:wqa!`- will save the file and close all the files open in the buffer
- Search for a word inside vim to search for words you have a few options such as:
 - `/word` you are searching; you type the forward slash and the word you want to search and it will search forward
 - `n`: will repeat the search for the next word
 - `?`: will search backwards
 - `(*)` will search for the next occurrence of the word under the cursor
 - `(#)` will search backward for the previous occurrence of the word under the cursor
- Delete text in vim commands for deleting text in vim:

- dw- delete current word
- u- undo
- dd- delete line under the cursor
- d + /word- delete until the word given
- x- for cut