

# Week Report 8

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## VIM and Nano

### What is VIM?

The vi command-line text editor is included in all POSIX compliant operating system.

### What is nano?

It is a simple and easy-to-use command-line text editor designed for basic text editing tasks. Nano is particularly popular among users who may be less familiar with command-line editors like Vim or Emacs, as it provides a more straightforward interface.

## VIM functions

To start VIM just write `vim` in the command line.

To quick VIM just press `:q!` and the program will close.

## 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 navigation and manipulation of text selections.

Select mode: similar to visual mode.

Ex-mode: Similar to the command-line mode but optimized for batch processing.

## Save a file in VIM

`:w` will save the file. `:w (file name)` will save the file as the name provided. `:wq` will save the file and quit. `:wqa!` will save the file and close all.

## Search in VIM

use `/` and the word you are looking for to search forward. `n` will repeat the search for the next word. `?` to search backward. `*` will search for the next occurrence of the word under the cursor. `#` will search backward for the previous occurrence.

## Delete text in VIM

`dw` to delete current word. `u` to undo. `dd` delete line under the cursor. `d + /word` delete line under the cursor.