

# Homework 8

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- What is VIM?
  - text editor built to enable efficient text editing, switching back and forth between edit and command
- What is nano?
  - command line editor, you can directly start typing to modify your file, such commands can be used directly operations like cut, copy, paste
- Describe in your own words how to:
  - Start and quit vim
    - Open a terminal window and type vim
      - press enter & vim window appears
    - to exit from the file without saving
    - first exit from insert mode by pressing the Esc key
    - next type semicolon ( :) & then type the command q!
    - :q!
    - press enter
- What are the different vim modes:
  - Vim has three modes:
    - Normal mode is also called Command mode
      - used for performing actions like navigation, text substitution, cut, copy, paste, delete
    - Insert mode
      - writing text to a file in the insert mode of Vim editor
    - Visual mode
      - it is used to select text with arrow keys so that various commands such as cut, copy, paste, delete, etc can be performed on selected text.
      - it allows to select from any point in any line. In the normal mode, you can delete words and lines but not a selection of text.
- Insert text in vim
  - to write some content, go into insert mode
  - go into write mode by typing command i
  - after going into insert mode you will see insert in the status bar allowing to enter data
- Save a file in vim
  - first exit from insert mode by pressing the Esc key
  - to save file:
    - first type semicolon ( :) & then type the command w
    - :w

- press enter
- Search for a word inside vim
  - first type backslash key
  - then write the word and press enter
  - /school
- Delete text in vim
  - move the cursor to the character that has to be deleted
  - press Esc key
  - then press the x key to delete text
    - or
  - To delete the word
  - move the cursor to the beginning of the word
  - use dw command in normal mode, word under the cursor will be deleted
  - dw
  - press enter