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Subject: OS (UNIX)

ASSIGNMENT 2: BASIC FUNCTIONALITY AND MODES OF VI EDITOR.

What is VI ?

* Elaborated as Visual Editor.
* Installed in every UNIX system is user-friendly and works the same on different distros and platforms.
* It’s known for its efficiency and flexibility.
* An improved version of vi editor is VIM.
* It’s a modal editor, meaning it operates in different modes, each serving a specific purpose.
* Understanding the modes and basic functionality is crucial for efficient text editing.

Modes in VI:

1. Normal mode:

* Default mode when you open VI
* Primarily used for navigation and issuing commands.
* You cannot directly edit in this mode.

1. Insert Mode:

* Allows you to input and edit text.
* Activate by pressing ‘i’ in Normal mode.
* Text behaves like a typical text editor in this mode.

1. Command Mode:

* Used for entering commands to manipulate text, save or quit.
* Activate by pressing ‘ESC’ in insert mode.

Example:

1. Creating / Opening a file in vi:

A green text on a black background

Description automatically generated

Command mode:

A black screen with a black background

Description automatically generated

**Insert mode:**

* After pressing ‘i’ in command mode we enter into insert mode.

A black screen with a black background

Description automatically generated

**Save and Quit:** To quit in insert mode press ESC.

And to save file enter ‘:wq’ it will save and quite.

A black screen with a black background

Description automatically generated

Displaying the content of the file we just created in vi editor:

A black screen with white text

Description automatically generated