

## Practical No. 05

Aim: Use VI Editor

Output :

```
Hello
This is Pratyay Dhond!
Today we will be using the VI editor!
It's just amazing how it is the default editor in almost all the Linux distributions.
I am personally beginning to like this one, though I love the VIM editor      (VI Imp
roved ).

I love how easy it is to move to new line using the ':o' command.

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.
.
.

"hello.txt" 9 lines, 322 characters written
```

VI Editor example (hello.txt)

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Aim: Use VI Editor.

Theory:

- What is VI editor?
  - It is the default editor that comes with the UNIX operating system is called vi(visual studio) editor.
  - It can be used to edit configuration files, create a grocery list, create a new text file, write shell programs or even to edit source code.
  - The vi editor is available in all the Linux distributions mostly.
  - The vi editor works in two modes:
    - 1) Command mode
    - 2) insert mode.

### Various commands of VI editor:

- 1) Start using VI editor
  - Syntax → vi filename.extension
  - Example → vi filename.txt

- 2) Save contents to the file:
  - :w → (Must be used in command mode)

- 3) Exit from VI editor without saving
  - :q → (To be used in command mode)

- 4) Save and exit

- :wq,

### Cursor Positioning Commands:

- :k → Move the cursor up by one line
- :j → Move the cursor down by one line
- :h → Move the cursor to the left by one character position.
- :l → Move the cursor to the right by one character position.

### Text insertion commands:

- :i → Insert the text before current cursor location
- :I → Insert text at the beginning of current line
- :a → Insert text after the current cursor location
- :A → Insert text at the end of current text line
- :o → Creates new line or takes entry below cursor location
- :O → Creates new line or takes entry above cursor location.

### Text deletion commands:

- :x → Deletes character under the cursor location
- :X → Deletes character before the cursor location
- :dw → Deletes from the current cursor location to the next word.
- :v^ → Deletes from the current cursor position to the beginning of the line.
- :d\$ → Deletes from current cursor position to the end of line
- :D → Deletes from cursor position to end of current line.
- :dd → Deletes the line the cursor is on.

### Conclusion:

Thus, by performing this practical, I learnt about the VI editor, the various commands of vi editor and how to use the VI editor.

### Copy and Paste Commands:

- :yy → Copies the current lines
- :yw → Copies the current word
- :p → Puts the copied text after the cursor
- :P → Puts the copied text before the cursor.

### Undo and redo commands:

- :u → undo
- :r → redo

### Appending files into current file:

:r filename → append file to the current file.

### Conclusion:

Thus, by performing this practical I learnt about the vi editor, the various commands of vi editor and how to use the vi editor.