THADOMAL SHAHANI ENGINEERING COLLEGE

DEPARTMENT OF INFORMATION TECHNOLOGY

2a.Study of vi editor : LO2

Aim: 2a.Commonly Used Command Mode Operations in vi Editor

Theory:

The vi editor in Ubuntu and other Unix-based systems has three main modes: 1. Command Mode – The default mode for executing commands. 2. Insert Mode – Used for text editing. 3. Last Line Mode – Used for saving, quitting, and executing special commands. When you open a file in vi, it starts in Command Mode. To perform actions like navigation, deletion, copying, and pasting, you need to be in this mode.

1.Create a new vi editor file or modify the existing file

```
line1 \n line 2 \n line3 \n
lab1003@lab1003-HP-280-G2-MT:~/Pratham_63$ vi Hello1.sh
```
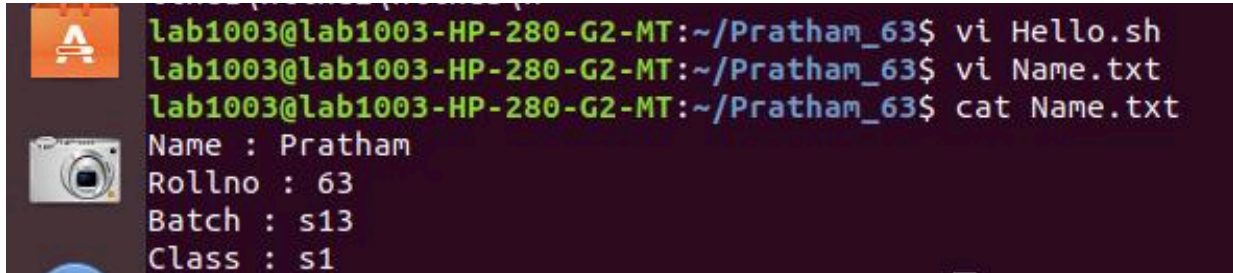
2.ls-l to see all files

```
line1 \n line 2 \n line3 \n
lab1003@lab1003-HP-280-G2-MT:~/Pratham_63$ ls -l
total 16
-rw-rw-r-- 1 lab1003 lab1003 50 Jan 30 16:06 Hello1.sh
-rw-rw-r-- 1 lab1003 lab1003 33 Jan 30 16:01 Hello.sh
-rw-rw-r-- 1 lab1003 lab1003 51 Jan 30 15:28 Name.txt
-rw-rw-r-- 1 lab1003 lab1003 28 Jan 30 15:39 text2.txt
lab1003@lab1003-HP-280-G2-MT:~/Pratham_63$ ls -la
```

3.The above command creates a new text editing shell and student info has been filled with i(insert) button.

```
line1 \n line 2 \n line3 \n








E45: 'readonly' option is set (add ! to override)
```

4.After completing the insertion press esc and write :wq to save the work.

5.To show the information on the terminal that has been stored in vi editor we use cat command.