

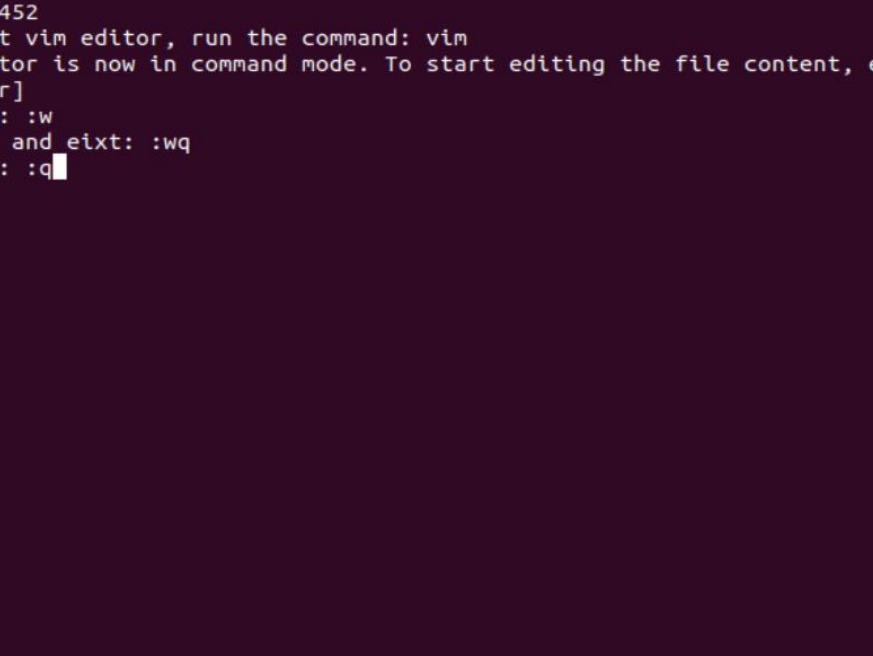
## BASIC COMMANDS

- ## 1. Creat a new directory entitled with your student ID.

```
quockhanh@Khanh-VirtualBox:~/test$ mkdir 2013452
quockhanh@Khanh-VirtualBox:~/test$ cd 2013452
quockhanh@Khanh-VirtualBox:~/test/2013452$
```

- 2. Create a new file *example.txt* under folder <StudentID> with the following content: ...**

```
quockhanh@Khanh-VirtualBox:~/test$ mkdir 2013452
quockhanh@Khanh-VirtualBox:~/test$ cd 2013452
quockhanh@Khanh-VirtualBox:~/test/2013452$ vim example.txt
```



The screenshot shows a terminal window with a dark background. At the top, a title bar displays the user 'quockhanh@Khanh-VirtualBox' and the current directory '~/test/2013452'. Below the title bar, the terminal content includes instructions for using the Vim editor: 'To start vim editor, run the command: vim', 'The editor is now in command mode. To start editing the file content, enter:', ':i[enter]', 'To save: :w', 'To save and eixt: :wq' (note the typo 'eixt'), and 'To exit: :q'. A file named '2013452' is open in the editor, and its content consists of multiple lines of tilde '~' characters. At the bottom of the terminal, a status bar shows '-- INSERT --' on the left, '7,12' in the center, and 'All' on the right. A 'Show Applications' button is visible in the bottom-left corner of the terminal window.

- ### 3. List the content of <student-ID> directory

```
quockhanh@Khanh-VirtualBox:~/test/2013452$ ls
example.txt
quockhanh@Khanh-VirtualBox:~/test/2013452$
```

#### 4. View the content of file *example.txt*.

```
quockhanh@Khanh-VirtualBox:~/test/2013452$ ls
example.txt
quockhanh@Khanh-VirtualBox:~/test/2013452$ cat example.txt
// 2013452
To start vim editor, run the command: vim
The editor is now in command mode. To start editing the file content, enter:
:i[enter]
To save: :w
To save and eixt: :wq
To exit: :q

quockhanh@Khanh-VirtualBox:~/test/2013452$
```

#### 5. Show first 5 lines from *example.txt*

```
quockhanh@Khanh-VirtualBox:~/test/2013452$ head -n 5 example.txt
// 2013452
To start vim editor, run the command: vim
The editor is now in command mode. To start editing the file content, enter:
:i[enter]
To save: :w
quockhanh@Khanh-VirtualBox:~/test/2013452$
```

#### 6. Show last 5 lines from *example.txt*

```
quockhanh@Khanh-VirtualBox:~/test/2013452$ tail -n 5 example.txt
The editor is now in command mode. To start editing the file content, enter:
:i[enter]
To save: :w
To save and eixt: :wq
To exit: :q
quockhanh@Khanh-VirtualBox:~/test/2013452$
```

#### 7. List all commands that have been run from that terminal session and save to *<StudentID>-history.txt*

```
quockhanh@Khanh-VirtualBox:~/test/2013452$ history > history.txt
quockhanh@Khanh-VirtualBox:~/test/2013452$ cat history.txt
```

```
1  whoami
2  gcc
3  sudo apt install gcc
4  gcc --version
5  vim Hello.c
6  sudo apt install vim
7  g++ --version
8  sudo apt install g++
9  clear
10 gcc --version
11 g++ --version
12 vim --version
13 clear
14 ls
15 cd Desktop
16 vim hello.c
17 gcc hello.c -o test
18 ./test
19 whoami
20 history
21 history > history.txt
22 clear
23 g++ --version
24 gcc --version
25 java --version
26 python --version
27 py --version
```