

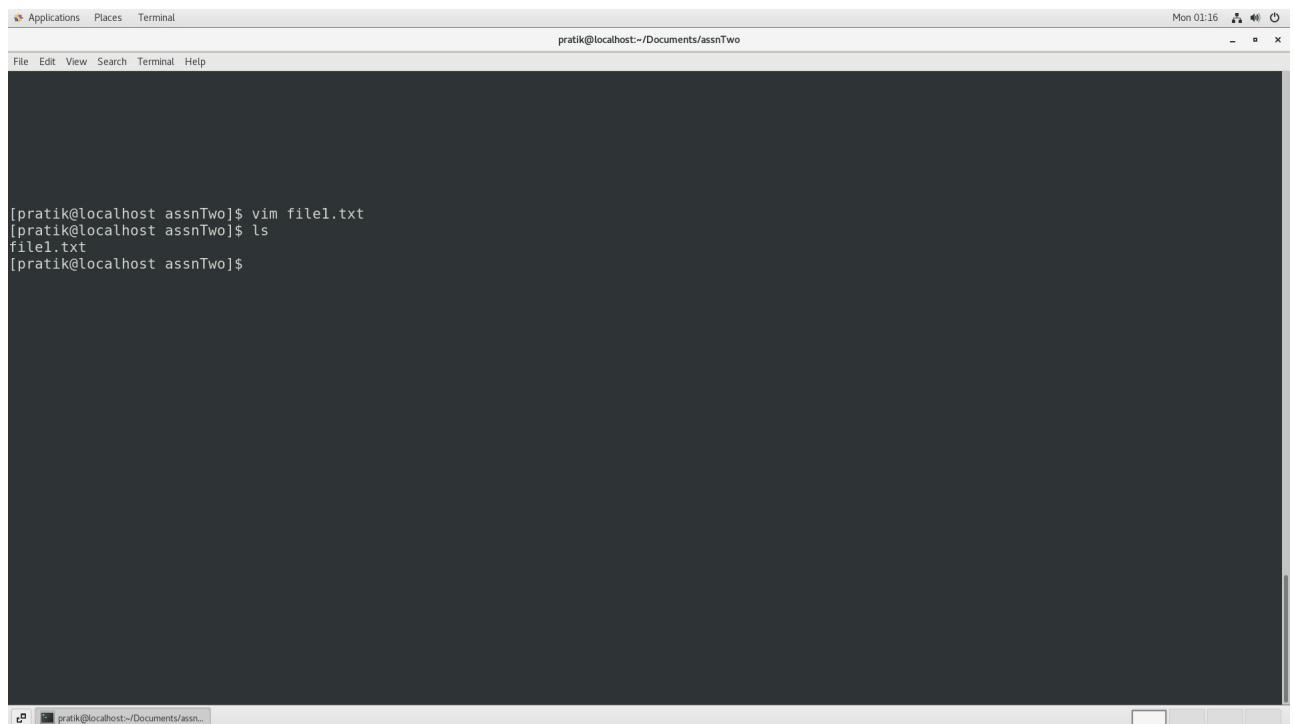
Linux Assignment Set

Assignment 2

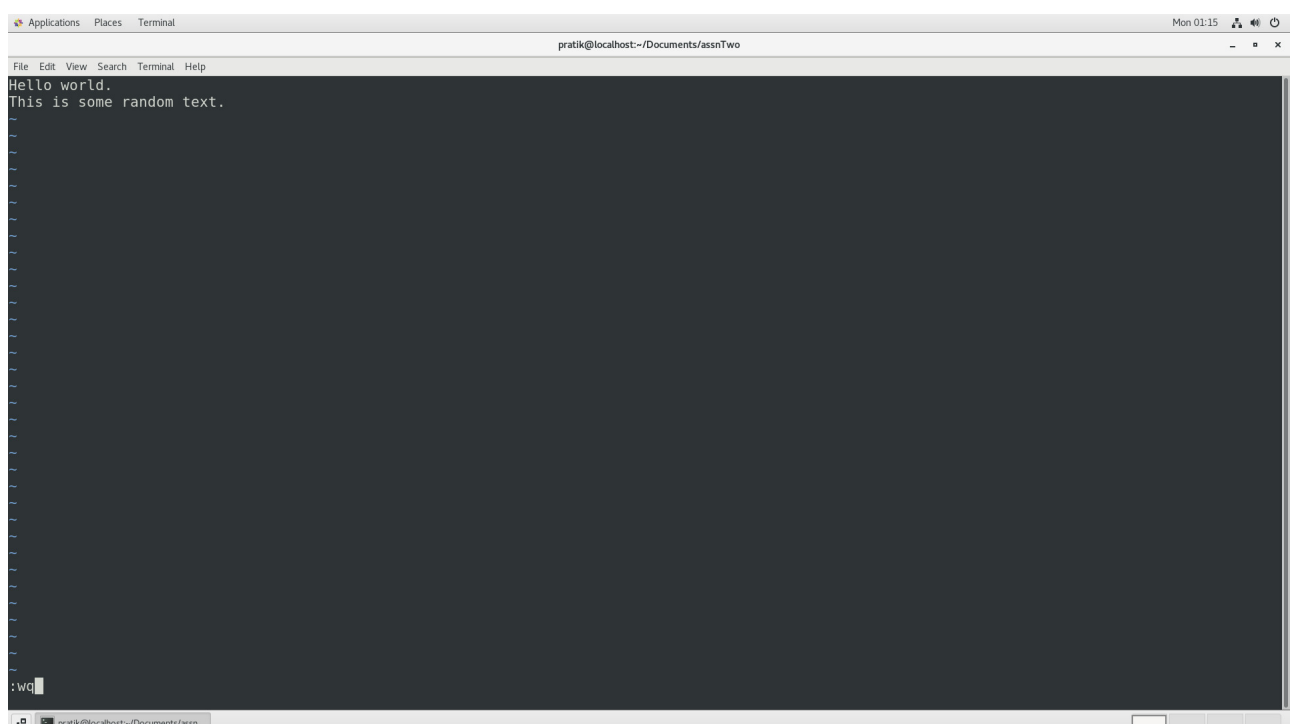
Playing with files.

1. Create a file like nano file1.txt

- Edit some data and then save the file.

A terminal window titled 'pratik@localhost:~/Documents/assnTwo' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the following commands and output:

```
[pratik@localhost assnTwo]$ vim file1.txt
[pratik@localhost assnTwo]$ ls
file1.txt
[pratik@localhost assnTwo]$
```

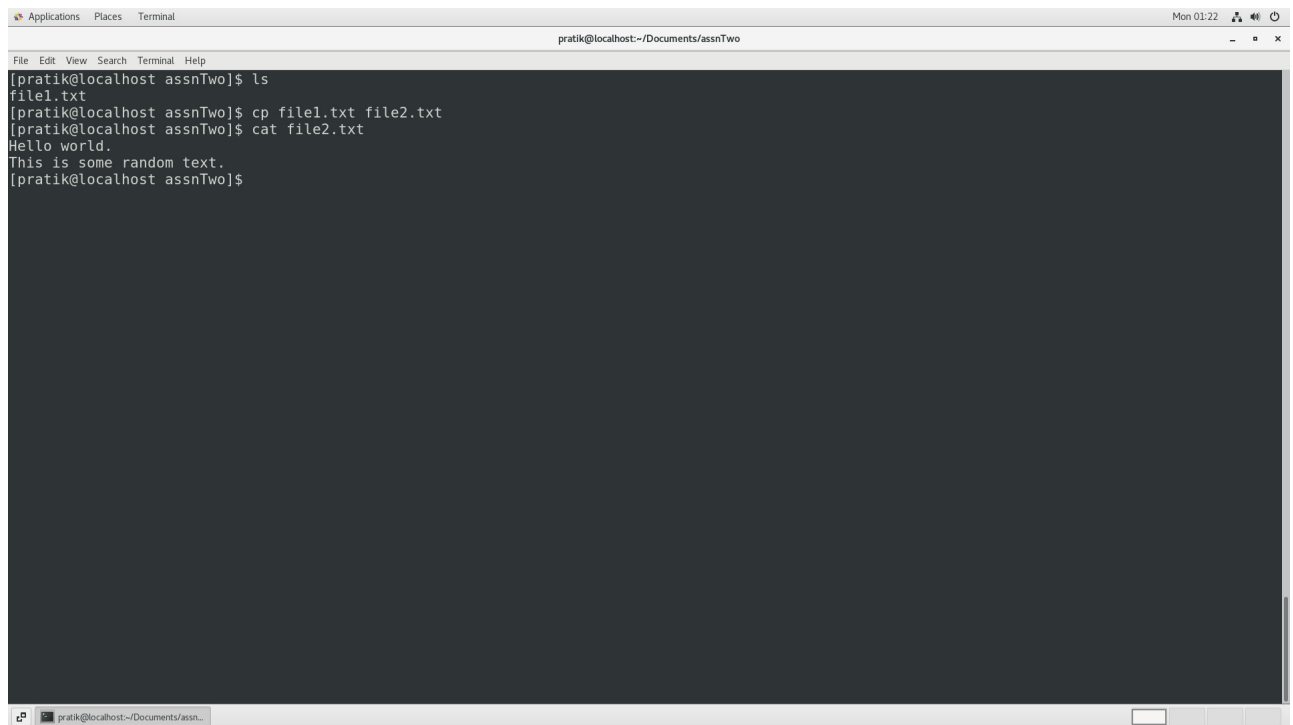
A terminal window titled 'pratik@localhost:~/Documents/assnTwo' with a menu bar (File, Edit, View, Search, Terminal, Help). The terminal shows the following commands and output:

```
Hello world.
This is some random text.

:wq
```

2. Now we will copy data from file1 to new file2

- cp file1.txt file2.txt
- Output of file2.txt

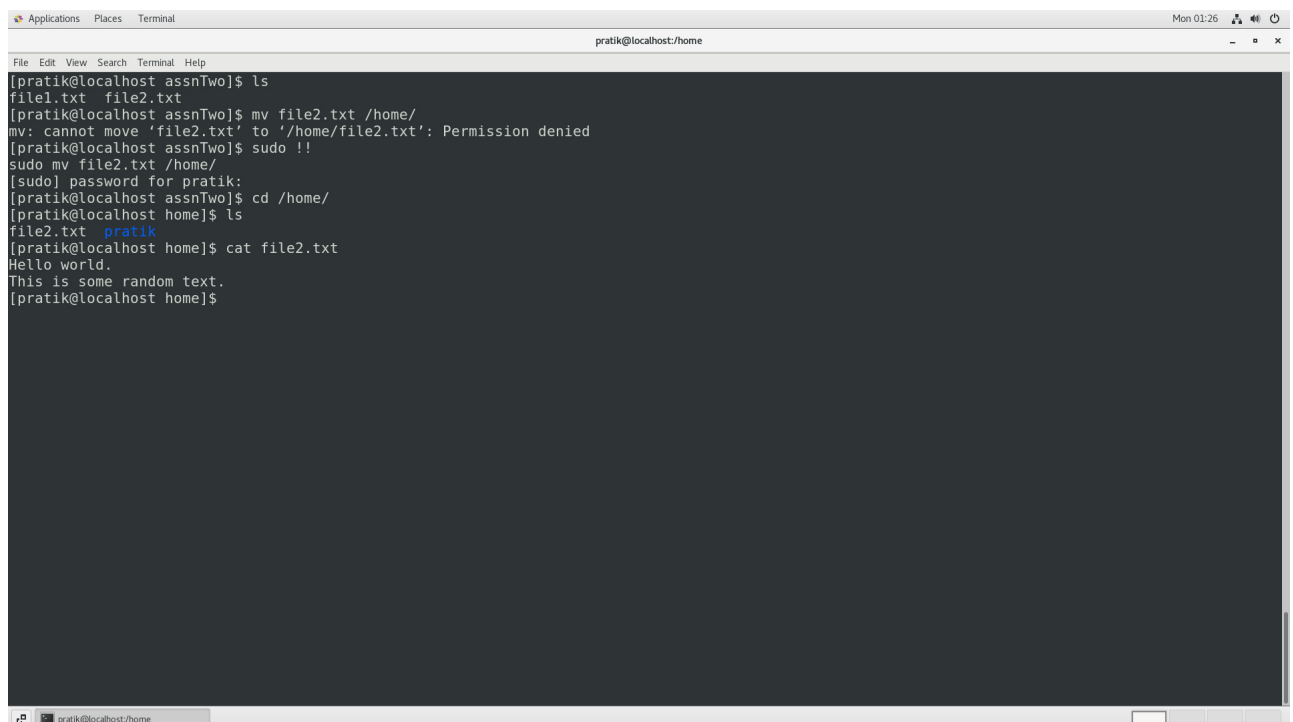


```
Applications  Places  Terminal
pratik@localhost:~/Documents/assnTwo

[pratik@localhost assnTwo]$ ls
file1.txt
[pratik@localhost assnTwo]$ cp file1.txt file2.txt
[pratik@localhost assnTwo]$ cat file2.txt
Hello world.
This is some random text.
[pratik@localhost assnTwo]$
```

3. Now we move the file2.txt to new folder /home

- mv file2.txt /home
- Then go to home directory and check ls, file exists or not ?

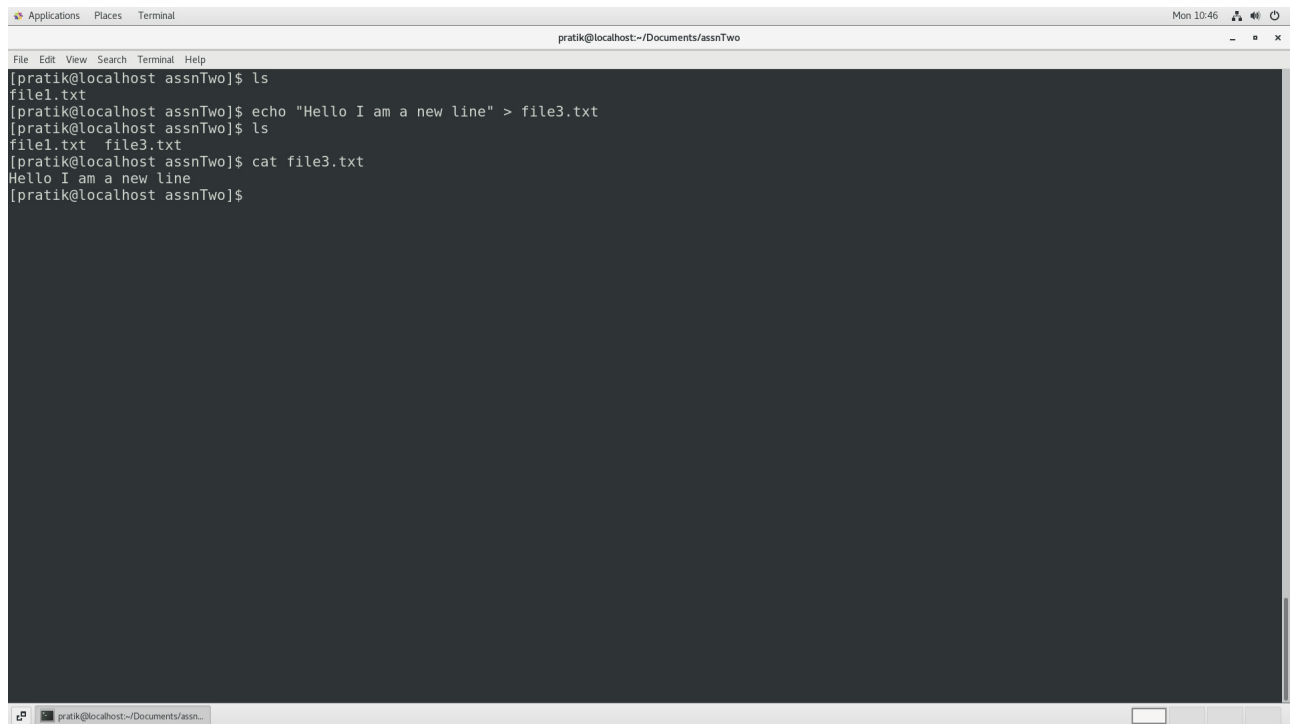


```
Applications  Places  Terminal
pratik@localhost/home

[pratik@localhost assnTwo]$ ls
file1.txt  file2.txt
[pratik@localhost assnTwo]$ mv file2.txt /home/
mv: cannot move 'file2.txt' to '/home/file2.txt': Permission denied
[pratik@localhost assnTwo]$ sudo !!
sudo mv file2.txt /home/
[sudo] password for pratik:
[pratik@localhost assnTwo]$ cd /home/
[pratik@localhost home]$ ls
file2.txt  pratik
[pratik@localhost home]$ cat file2.txt
Hello world.
This is some random text.
[pratik@localhost home]$
```

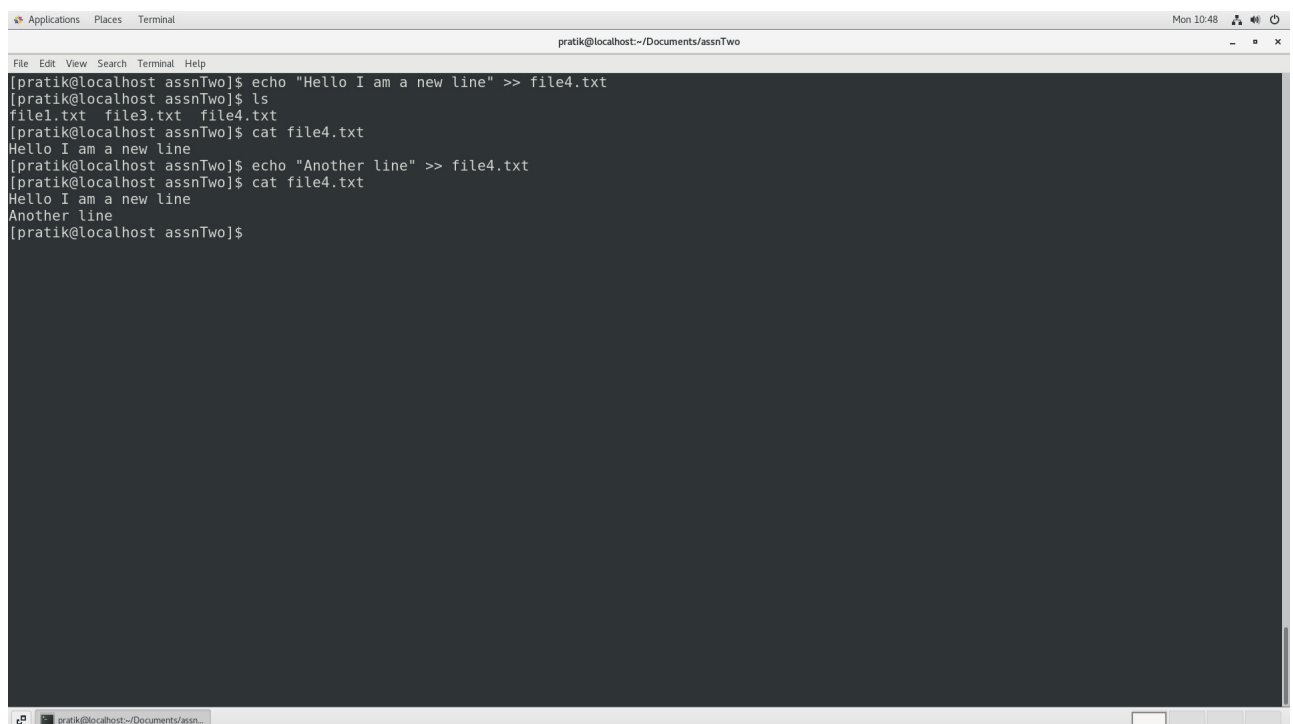
4. Then we create a new file3.txt and file4.txt in home directory and add content in it.

- Now do echo "Hello I am newline" > file3.txt and provide the output of file3.txt.

A terminal window titled 'pratik@localhost:~/Documents/assnTwo' showing the following commands and output:

```
[pratik@localhost assnTwo]$ ls
file1.txt
[pratik@localhost assnTwo]$ echo "Hello I am a new line" > file3.txt
[pratik@localhost assnTwo]$ ls
file1.txt  file3.txt
[pratik@localhost assnTwo]$ cat file3.txt
Hello I am a new line
[pratik@localhost assnTwo]$
```

- Now do echo "Hello I am newline" >> file4.txt and provide the output of file4.txt.

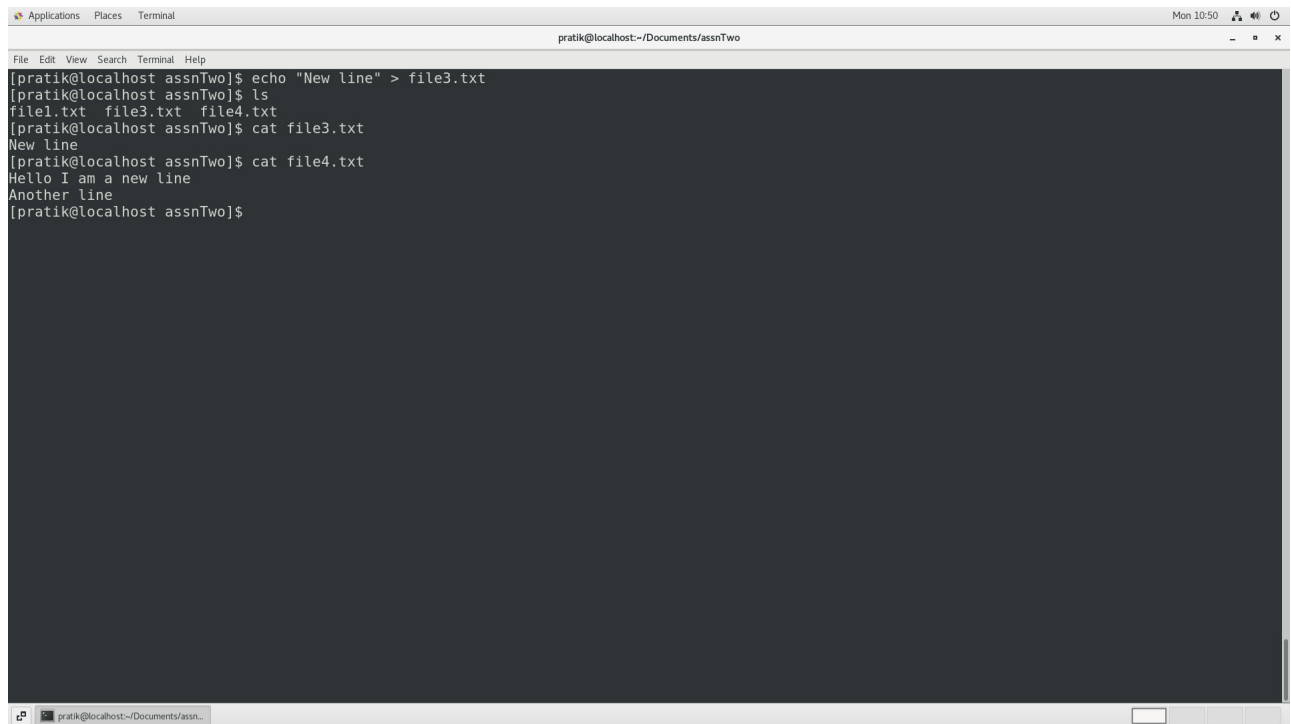
A terminal window titled 'pratik@localhost:~/Documents/assnTwo' showing the following commands and output:

```
[pratik@localhost assnTwo]$ echo "Hello I am a new line" >> file4.txt
[pratik@localhost assnTwo]$ ls
file1.txt  file3.txt  file4.txt
[pratik@localhost assnTwo]$ cat file4.txt
Hello I am a new line
[pratik@localhost assnTwo]$ echo "Another line" >> file4.txt
[pratik@localhost assnTwo]$ cat file4.txt
Hello I am a new line
Another line
[pratik@localhost assnTwo]$
```

- Tell the different between both step you follow and the reason behind it.

cat > filename is used to create or overwrite a file.

cat >> filename is used to append txt to a file.

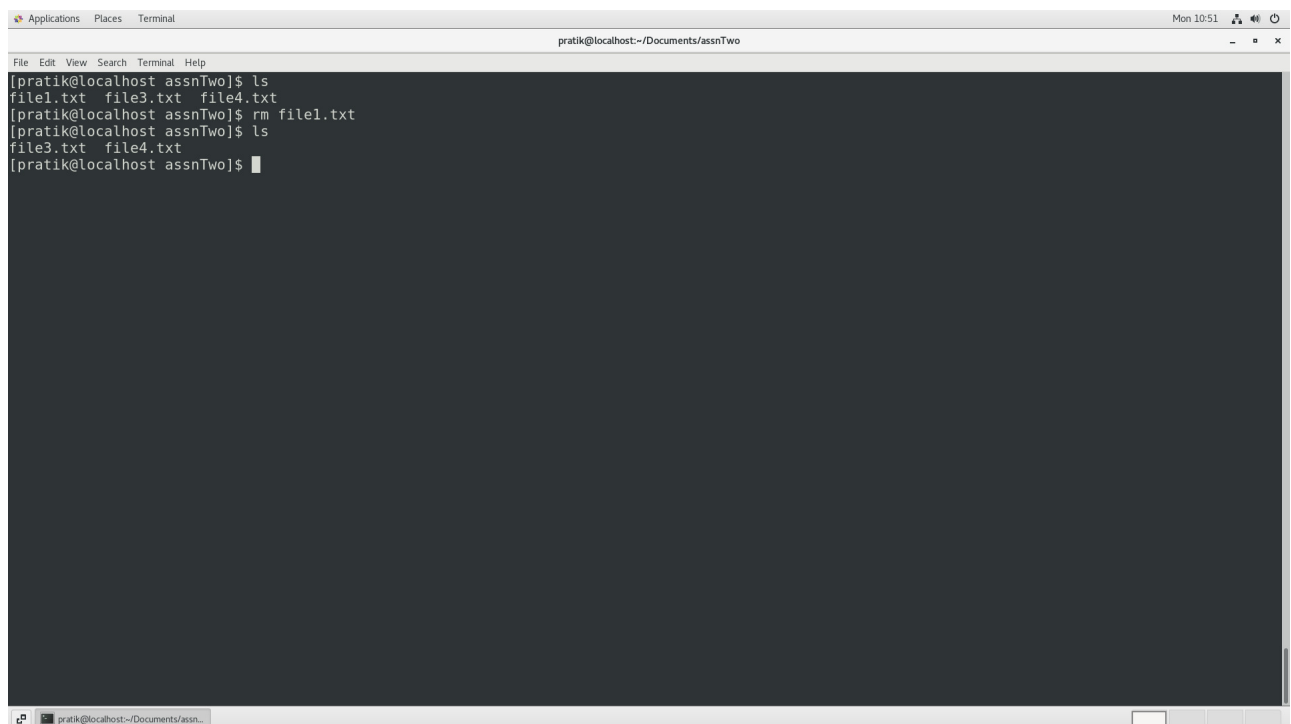


A terminal window titled 'pratik@localhost:~/Documents/assnTwo' showing the following commands and output:

```
[pratik@localhost assnTwo]$ echo "New line" > file3.txt
[pratik@localhost assnTwo]$ ls
file1.txt file3.txt file4.txt
[pratik@localhost assnTwo]$ cat file3.txt
New line
[pratik@localhost assnTwo]$ cat file4.txt
Hello I am a new line
Another line
[pratik@localhost assnTwo]$
```

5. For remove a file or directory you can use the below two commands.

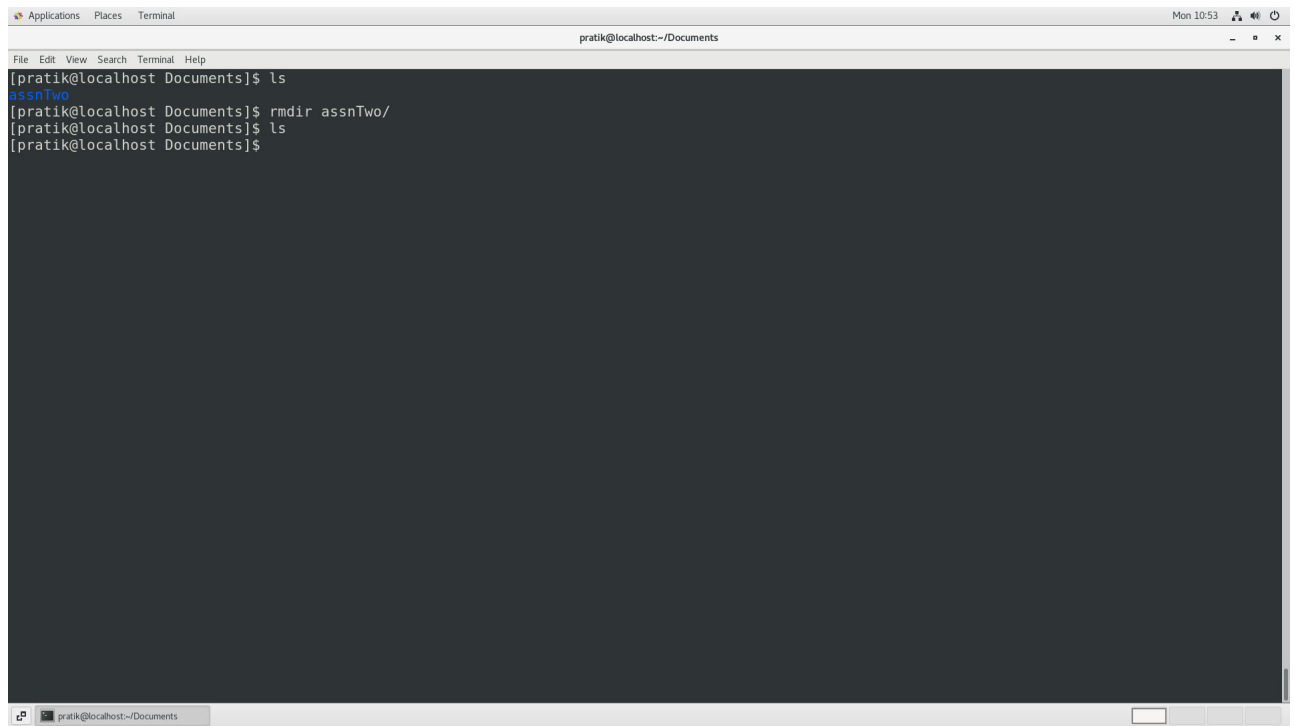
- To delete a file – `rm <any_filename>`



A terminal window titled 'pratik@localhost:~/Documents/assnTwo' showing the following commands and output:

```
[pratik@localhost assnTwo]$ ls
file1.txt file3.txt file4.txt
[pratik@localhost assnTwo]$ rm file1.txt
[pratik@localhost assnTwo]$ ls
file3.txt file4.txt
[pratik@localhost assnTwo]$
```

- To delete a directory - `rmdir <any_directory name>`

A screenshot of a terminal window titled "pratik@localhost:~/Documents". The window has a menu bar with "File", "Edit", "View", "Search", "Terminal", and "Help". The terminal shows the following commands and output:

```
[pratik@localhost Documents]$ ls
assnTwo
[pratik@localhost Documents]$ rmdir assnTwo/
[pratik@localhost Documents]$ ls
[pratik@localhost Documents]$
```

The terminal background is dark gray, and the text is white. The window's title bar includes the text "pratik@localhost:~/Documents" and standard window control buttons (minimize, maximize, close) on the right. The status bar at the bottom left shows a small icon and the text "pratik@localhost:~/Documents".
