

# Linux Basic Commands Assignment

## Assignment Part-3

### Playing with files

1. Create a file like nano file1.txt Edit some data and then save the file

```
[root@localhost:~# nano file1.txt
[root@localhost:~#
[root@localhost:~# cat file1.txt
This is a text file
```

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

o cp file1.txt file2.txt

o Then see the output of file2.txt, cat file2.txt

o Give screenshot

```
[root@localhost:~# cp file1.txt file2.txt
[root@localhost:~#
[root@localhost:~#
[root@localhost:~# cat file2.txt
This is a text file
```

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

o mv file2.txt /home

o Then go to home directory and check ls, file exists or not?

o Given screenshot

```
[root@localhost:~# mv file2.txt /home
[root@localhost:~#
[root@localhost:~#
[root@localhost:~# cd /home/
[root@localhost:/home# ls
file2.txt  shreesha
```

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

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

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

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

```

[root@localhost:/home# nano file3.txt
[root@localhost:/home#
[root@localhost:/home#
[root@localhost:/home# nano file4.txt
[root@localhost:/home#
[root@localhost:/home# echo "Hello I am newline" > file3.txt
[root@localhost:/home#
[root@localhost:/home# cat file3.txt
"Hello I am newline"
[root@localhost:/home#
[root@localhost:/home#
[root@localhost:/home# echo "Hello I am newline" >> file4.txt
[root@localhost:/home#
[root@localhost:/home#
[root@localhost:/home# cat file4.txt
This is fourth file.
"Hello I am newline"

```

The difference between two echo commands is; first one overwrites the data in the file whereas second one adds the line to the new line in the existing file.

5. For remove a file or directory you can use the below two commands  
 o To delete a file – rm <any\_filename>

```

[root@localhost:/home# rm file4.txt
[root@localhost:/home# ls
file2.txt  file3.txt  shreesha

```