



## 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

The first screenshot shows a terminal window with the nano text editor open. The file being edited is named 'devopsss.txt'. The content of the file is: 'I am sonali.', 'I am a beautiful and amazing girl.', 'I love coding.', and 'I am passionate about my career.' The second screenshot shows the same terminal window after the file has been saved and then viewed using the 'cat' command. The output of 'cat devopsss.txt' is displayed, showing the same content as the first screenshot.

#### 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

```
[sonali@localhost ineuron]$ touch devops-new.txt
[sonali@localhost ineuron]$ cp devopsss.txt devops-new.txt
[sonali@localhost ineuron]$ cat devops-new.txt
I am sonali.
I am a beautiful and amazing girl.
I love coding.
I am passionate about my career.
[sonali@localhost ineuron]$
```

#### 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

```

[sonali@localhost ineuron]$ ls
devops-new.txt devopsss.txt devops.txt file filename
[sonali@localhost ineuron]$ sudo mv devops-new.txt /home
[sudo] password for sonali:
[sonali@localhost ineuron]$ ls
devopsss.txt devops.txt file filename
[sonali@localhost ineuron]$ cd /home
[sonali@localhost home]$ ls
devops-new.txt sonali
[sonali@localhost home]$

```

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

```

[sonali@localhost home]$ cd /home/sonali
[sonali@localhost ~]$
[sonali@localhost ~]$
[sonali@localhost ~]$ touch file3.txt file4.txt
[sonali@localhost ~]$
[sonali@localhost ~]$ echo "Hello I am newline" > file3.txt
[sonali@localhost ~]$ echo "Hello I am newline" >> file4.txt
[sonali@localhost ~]$ cat file3.txt
Hello I am newline
[sonali@localhost ~]$ cat file4.txt
Hello I am newline
[sonali@localhost ~]$
[sonali@localhost ~]$ █

```

- o
- o Difference between both is > overwrite and >> this append below are example

```

[sonali@localhost ~]$
[sonali@localhost ~]$ echo "Hello I am newline" > file3.txt
[sonali@localhost ~]$ echo "Hello I am newline" >> file4.txt
[sonali@localhost ~]$ cat file3.txt
Hello I am newline
[sonali@localhost ~]$ cat file4.txt
Hello I am newline
[sonali@localhost ~]$

```

- o
  - o
- ```

[sonali@localhost ~]$
[sonali@localhost ~]$
[sonali@localhost ~]$ echo "I am a new line1" > file3.txt
[sonali@localhost ~]$ echo "I am a new line1" >> file4.txt
[sonali@localhost ~]$ cat file3.txt
I am a new line1
[sonali@localhost ~]$ cat file4.txt
Hello I am newline
I am a new line1
[sonali@localhost ~]$

```

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

To delete a file – **rm <any\_filename>**

To delete a directory - **rmdir <any\_directoryname>**

```
sonali@localhost ~]$  
sonali@localhost ~]$ rm file3.txt  
sonali@localhost ~]$ ls  
Desktop Documents Downloads file4.txt home Music Pictures Public Templates Videos  
sonali@localhost ~]$  
sonali@localhost ~]$ cd /home/sonali  
sonali@localhost ~]$ cd Desktop  
sonali@localhost Desktop]$ rm ineuron  
rm: cannot remove 'ineuron': Is a directory  
sonali@localhost Desktop]$ rmdir ineuron  
rmdir: failed to remove 'ineuron': Directory not empty  
sonali@localhost Desktop]$ rmdir -r ineuron  
rmdir: invalid option -- 'r'  
Try 'rmdir --help' for more information.  
sonali@localhost Desktop]$ rm -r ineuron  
rm: remove write-protected regular empty file 'ineuron/devops.txt'? y  
sonali@localhost Desktop]$ rm -r ineuron  
rm: cannot remove 'ineuron': No such file or directory  
sonali@localhost Desktop]$ ls  
sonali@localhost Desktop]$  
sonali@localhost Desktop]$  
sonali@localhost Desktop]$
```

- o Here to delete directory with full of file with command “**rm -r directory\_name**”

Regards

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