

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
2. Now we will copy data from file1 to new file2
 - cp file1.txt file2.txt
 - Then see the output of file2.txt, cat file2.txt
 - Give screenshot

```
unreal@centos:~  
File Edit View Search Terminal Help  
[unreal@centos ~]$ nano file1.txt  
[unreal@centos ~]$ cat file1.txt  
Hi Welcome to Ineuron Devops Pro session  
[unreal@centos ~]$ cp file1.txt file2.txt  
[unreal@centos ~]$ cat file2.txt  
Hi Welcome to Ineuron Devops Pro session  
[unreal@centos ~]$
```

3. Now we will move the file2.txt to new folder /home
 - mv file2.txt /home
 - Then go to home directory and check ls, file exists or not?
 - Given screenshot

```
unreal@centos:/home  
File Edit View Search Terminal Help  
[unreal@centos ~]$ mv file2.txt /home  
mv: cannot move 'file2.txt' to '/home/file2.txt': Permission denied  
[unreal@centos ~]$ sudo mv file2.txt /home  
[sudo] password for unreal:  
[unreal@centos ~]$ ls  
Desktop Downloads files passwd Public Videos  
Documents file1.txt Music Pictures Templates  
[unreal@centos ~]$ cd /home/  
[unreal@centos home]$ ls  
file2.txt unreal  
[unreal@centos 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

```
[unreal@centos home]$ echo "Hello I am new
[unreal@centos home]$ cat file3.txt
Hello I am newline
[unreal@centos home]$ cat file4.txt
Hello I am newline
[unreal@centos home]$ █
```

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

```
[unreal@centos home]$ cat file4.txt
[unreal@centos home]$ echo "Hello I am newline" >> file4.txt
[unreal@centos home]$ cat file4.txt
Hello I am newline
[unreal@centos home]$ █
```

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

">" overwrite all the content of file to existing file

">>" append the content to file in the file which is already exist

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

- To delete a file – rm <any_filename>

```
[unreal@centos home]$ rm file4.txt
rm: cannot remove 'file4.txt': Permission denied
[unreal@centos home]$ sudo rm file4.txt
[sudo] password for unreal:
[unreal@centos home]$ rm [file2.txt,file3.txt]
rm: cannot remove '[file2.txt,file3.txt]': No such file or directory
[unreal@centos home]$ rm file3.txt
rm: cannot remove 'file3.txt': Permission denied
[unreal@centos home]$ sudo rm file3.txt
[unreal@centos home]$ ls
file2.txt unreal
[unreal@centos home]$ █
```

- To delete a directory -rmdir <any_directoryname>

```
[unreal@centos ~]$ cd Documents/
[unreal@centos Documents]$ ls
Test test.txt
[unreal@centos Documents]$ rmdir Test/
[unreal@centos Documents]$ ls
test.txt
[unreal@centos Documents]$
```