Linux Basic Commands Assignment

Assignment Part-3
Playing with files

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

Ans.

2. Now we will copy date from file1 to new file2
o cp file1.txt file2.txt

Ans.

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o Then see the output of file2.txt, **cat file2.txt**
o Give screenshot

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

Ans.

```
[rishab@localhost rishab]$ mv file2.txt /home
nv: cannot move 'file2.txt' to '/home/file2.txt': Permission denied
[rishab@localhost rishab]$ ls -l
total 8
-rw-rw-r--. 1 rishab rishab 19 Oct 19 22:08 file1.txt
-rwxrwxrwx. 1 rishab rishab 19 Oct 19 22:11 file2.txt
[rishab@localhost rishab]$
```

It's saying permission denied.So I have used sudo with mv command

```
[rishab@localhost rishab]$ sudo mv file2.txt /home
[sudo] password for rishab:
[rishab@localhost rishab]$ cd \
> asa
bash: cd: asa: No such file or directory
[rishab@localhost rishab]$ cd ..
[rishab@localhost Desktop]$ cd ..
[rishab@localhost ~]$ cd /home/
[rishab@localhost home]$ ls
file2.txt   rishab
[rishab@localhost home]$
```

o Then go to **home** directory and check **ls,** file exits or not?
o Given screenshot

Ans.
```
[rishab@localhost rishab]$ sudo mv file2.txt /home
[sudo] password for rishab:
[rishab@localhost rishab]$ cd \
> asa
bash: cd: asa: No such file or directory
[rishab@localhost rishab]$ cd ..
[rishab@localhost Desktop]$ cd ..
[rishab@localhost ~]$ cd /home/
[rishab@localhost home]$ ls
file2.txt   rishab
[rishab@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

Ans. I am not able to find any difference between these two file.

```
[root@localhost ~]# echo "hello I am new line">1
[root@localhost ~]# echo "hello I am new line">>
[root@localhost ~]# cat file3.txt
hello I am new line
[root@localhost ~]# cat file4.txt
hello I am new line
[root@localhost ~]# nano file3.txt
[root@localhost ~]# nano file4.txt
```

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

o To delete a file – **rm <any_filename>**

o To delete a directory - **rmdir <any_directoryna**

```
[rishab@localhost home]$ ls -l
total 12
-rwxrwxrwx.  1 rishab rishab   19 Oct 19 22:11 file
-rwxrwxrwx.  1 root   root     20 Oct 19 22:29 file
drwx------. 15 rishab rishab 4096 Oct 19 20:56 rish

[rishab@localhost Desktop]$ cd rishab/
[rishab@localhost rishab]$ ls
file1.txt
[rishab@localhost rishab]$ rm file1.txt
[rishab@localhost rishab]$ ls
[rishab@localhost rishab]$ cd ..
[rishab@localhost Desktop]$ rmdir -p rish
```