



Linux Basic Commands Assignment

Assignment Part-3

Playing with files

1. Create a file like **nano file1.txt**

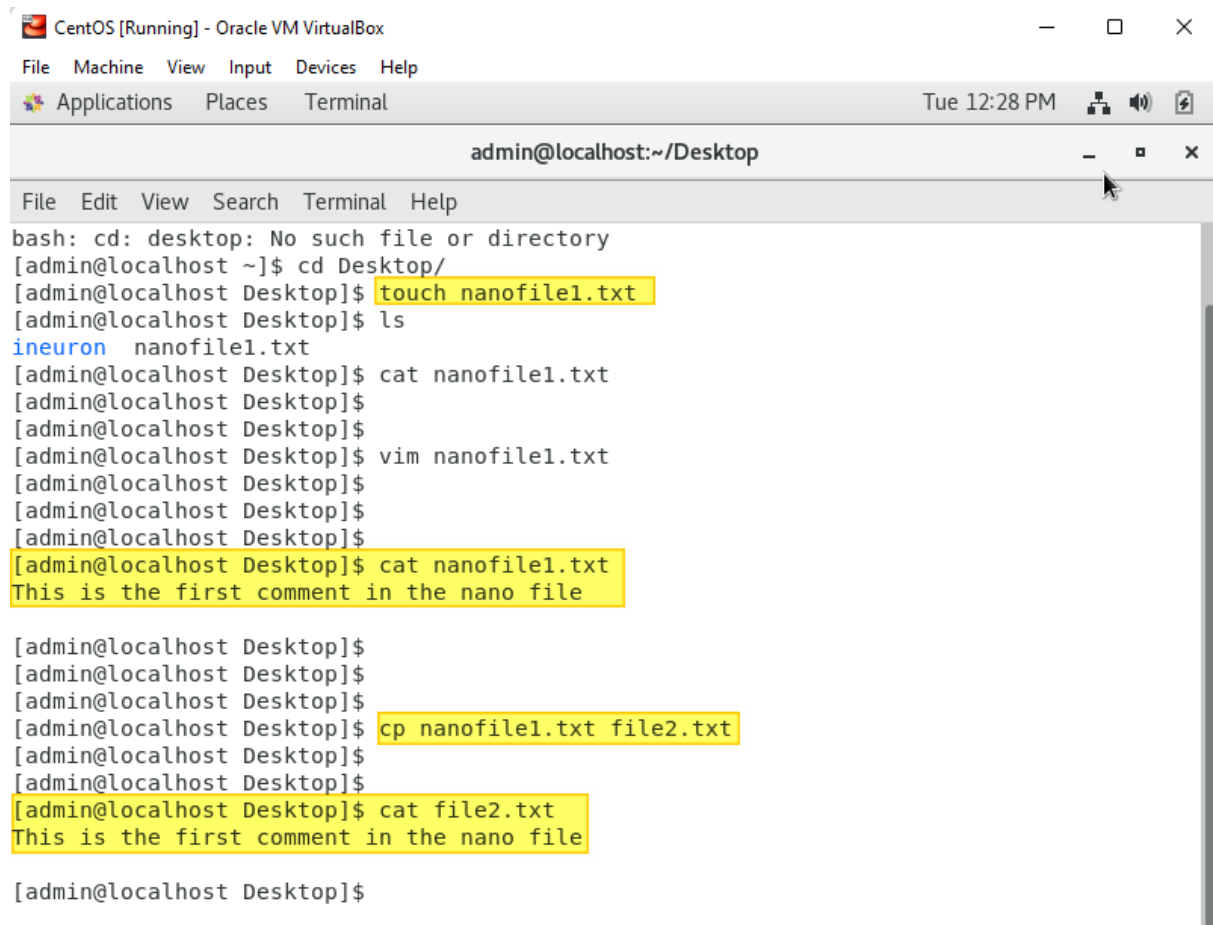
o Edit some data and then save the file

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



```
CentOS [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Applications Places Terminal Tue 12:28 PM
admin@localhost:~/Desktop
File Edit View Search Terminal Help
bash: cd: desktop: No such file or directory
[admin@localhost ~]$ cd Desktop/
[admin@localhost Desktop]$ touch nanofile1.txt
[admin@localhost Desktop]$ ls
neuron nanofile1.txt
[admin@localhost Desktop]$ cat nanofile1.txt
[admin@localhost Desktop]$
[admin@localhost Desktop]$ vim nanofile1.txt
[admin@localhost Desktop]$
[admin@localhost Desktop]$ cat nanofile1.txt
This is the first comment in the nano file

[admin@localhost Desktop]$
[admin@localhost Desktop]$
[admin@localhost Desktop]$
[admin@localhost Desktop]$ cp nanofile1.txt file2.txt
[admin@localhost Desktop]$
[admin@localhost Desktop]$ cat file2.txt
This is the first comment in the nano file

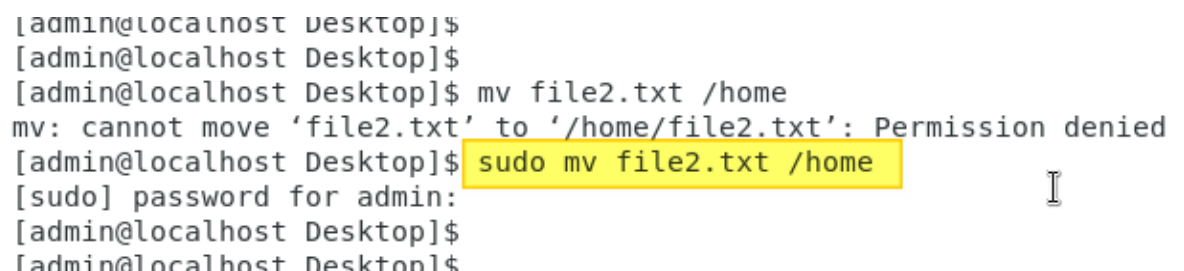
[admin@localhost Desktop]$
```

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



```
[admin@localhost Desktop]$
[admin@localhost Desktop]$
[admin@localhost Desktop]$ mv file2.txt /home
mv: cannot move 'file2.txt' to '/home/file2.txt': Permission denied
[admin@localhost Desktop]$ sudo mv file2.txt /home
[sudo] password for admin:
[admin@localhost Desktop]$
[admin@localhost Desktop]$
```

```

[admin@localhost ~]$ cd ..
[admin@localhost ~]$ cd Desktop/
[admin@localhost Desktop]$ ls
neuron  nanofile1.txt
[admin@localhost Desktop]$
[admin@localhost Desktop]$
[admin@localhost Desktop]$
[admin@localhost Desktop]$ cd ..
[admin@localhost ~]$ cd /home
[admin@localhost home]$ ls
admin  file2.txt
[admin@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

```

[admin@localhost home]$
[admin@localhost home]$ echo "Hello I am newline" > file3.txt
bash: file3.txt: Permission denied
[admin@localhost home]$ sudo echo "Hello I am newline" > file3.txt
bash: file3.txt: Permission denied
[admin@localhost home]$ sudo echo "Hello I am newline"> file3.txt
bash: file3.txt: Permission denied
[admin@localhost home]$ sudo echo "Hello I am newline" >> file4.txt
bash: file4.txt: Permission denied
[admin@localhost home]$ ls
admin  file2.txt  file3.txt  file4.txt
[admin@localhost home]$ cat file3.txt
[admin@localhost home]$
[admin@localhost home]$
[admin@localhost home]$
[admin@localhost home]$ ls
admin  file2.txt  file3.txt  file4.txt
[admin@localhost home]$

```

Unable to execute the command, please advise how to work this command, even unable to find answers on google about echo command to a file.

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_directoryname>**

iNeuron