

ASSIGNMENT



# DevOps Pro

SUBMITTED BY



MANISH KUMAR  
mmaurya694@gmail.com

UNDER THE GUIDANCE OF

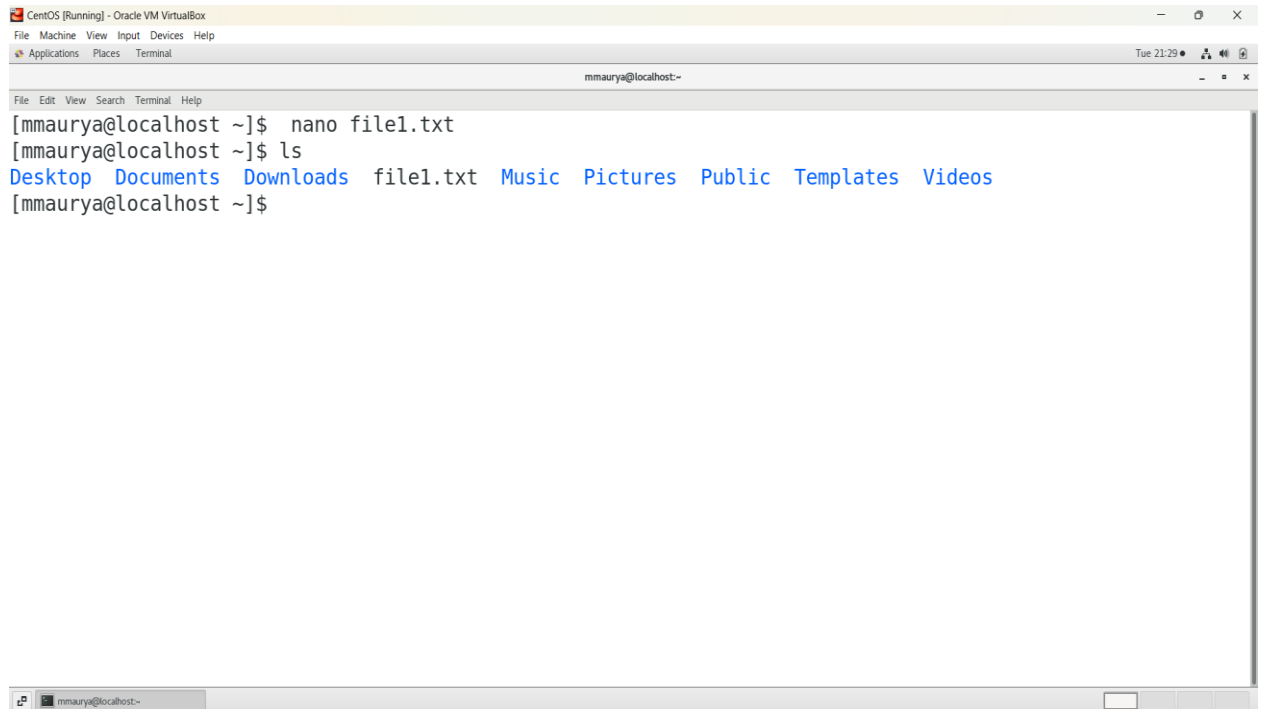
Hitesh Choudhary & Saksham Choudhary

# Assignment Part-3

## Playing with files

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

O Edit some data and then save the file



```
CentOS [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Applications Places Terminal
mmaurya@localhost:~
File Edit View Search Terminal Help
[mmaurya@localhost ~]$ nano file1.txt
[mmaurya@localhost ~]$ ls
Desktop Documents Downloads file1.txt Music Pictures Public Templates Videos
[mmaurya@localhost ~]$
```

A screenshot of a Linux terminal window titled "CentOS [Running] - Oracle VM VirtualBox". The terminal shows a series of commands being executed by the user "mmaurya@localhost":  

```
[mmaurya@localhost ~]$ nano file1.txt  
[mmaurya@localhost ~]$ ls  
Desktop Documents Downloads file1.txt Music Pictures Public Templates Videos  
[mmaurya@localhost ~]$ cp file1.txt file2.txt  
[mmaurya@localhost ~]$ cat file2.txt  
[mmaurya@localhost ~]$ ls  
Desktop Documents Downloads file1.txt file2.txt Music Pictures Public Templates Videos  
[mmaurya@localhost ~]$ gggggggggggggggggggggggggggggggggggggggggggggggggggggggggggggg
```

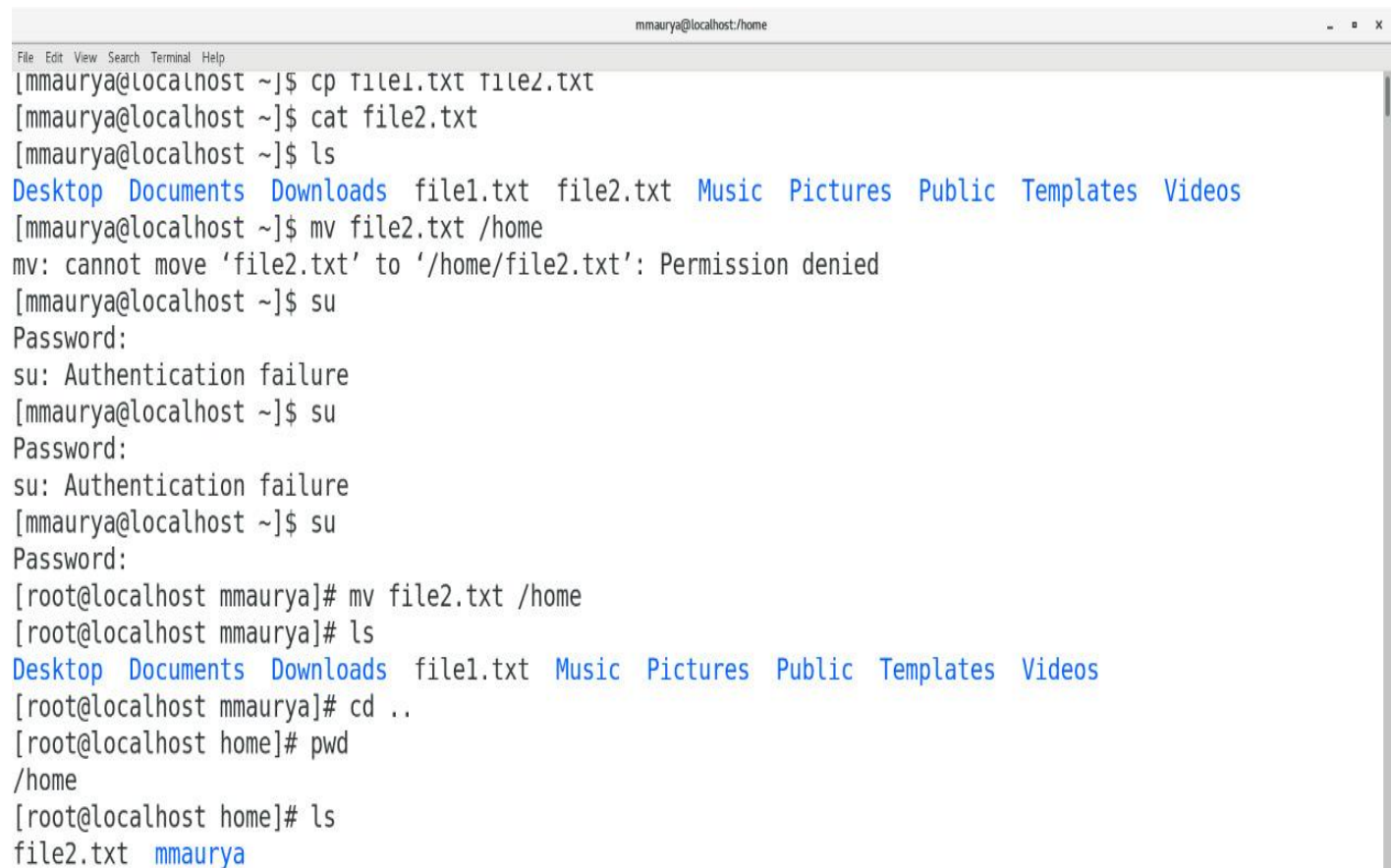
The last command consists of many 'g' characters followed by a cursor. The terminal interface includes standard menu bars (File, Edit, View, Search, Terminal, Help) and a status bar at the bottom showing the current session name "mmaurya@localhost".

### 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?

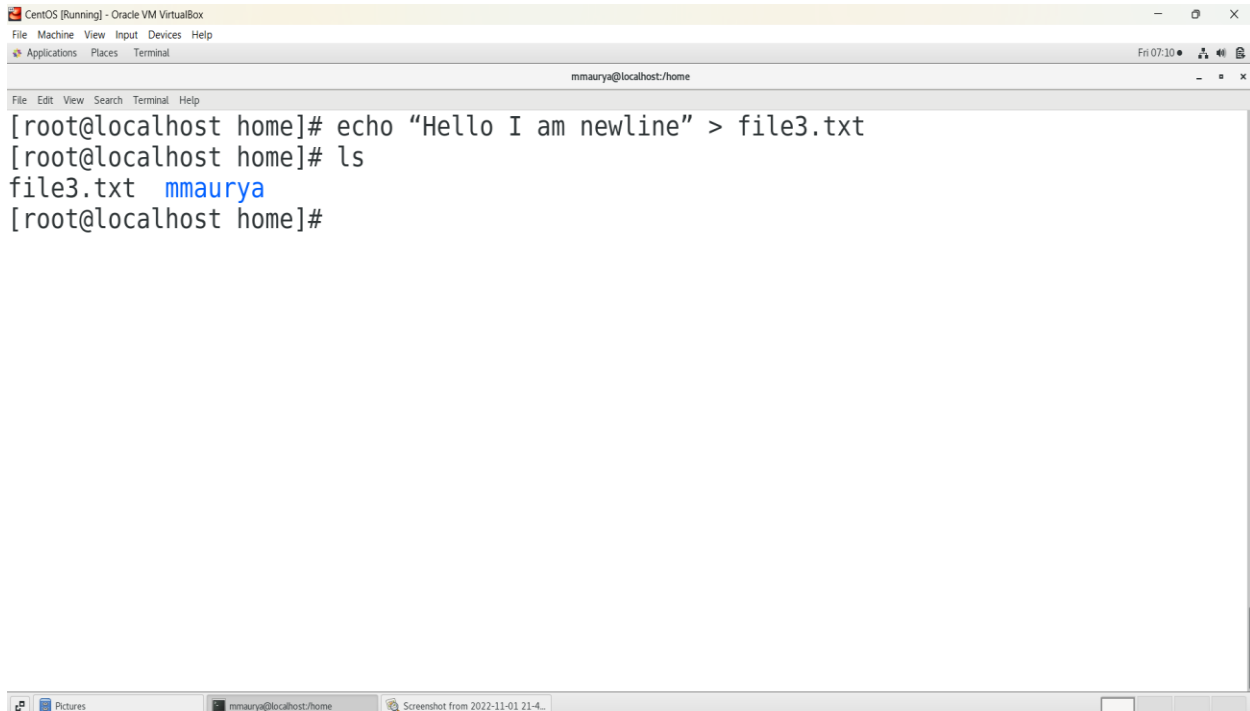
o Given screenshot



```
mmaurya@localhost/home
File Edit View Search Terminal Help
[mmaurya@localhost ~]$ cp file1.txt file2.txt
[mmaurya@localhost ~]$ cat file2.txt
[mmaurya@localhost ~]$ ls
Desktop Documents Downloads file1.txt file2.txt Music Pictures Public Templates Videos
[mmaurya@localhost ~]$ mv file2.txt /home
mv: cannot move 'file2.txt' to '/home/file2.txt': Permission denied
[mmaurya@localhost ~]$ su
Password:
su: Authentication failure
[mmaurya@localhost ~]$ su
Password:
su: Authentication failure
[mmaurya@localhost ~]$ su
Password:
[root@localhost mmaurya]# mv file2.txt /home
[root@localhost mmaurya]# ls
Desktop Documents Downloads file1.txt Music Pictures Public Templates Videos
[root@localhost mmaurya]# cd ..
[root@localhost home]# pwd
/home
[root@localhost home]# ls
file2.txt mmaurya
```

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



The screenshot shows a terminal window titled "CentOS [Running] - Oracle VM VirtualBox". The user is logged in as "mmaurya" at "localhost/home". The terminal shows the following commands and output:

```
[root@localhost home]# echo "Hello I am newline" > file3.txt
[root@localhost home]# ls
file3.txt  mmaurya
[root@localhost home]#
```

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



The screenshot shows a terminal window titled "mmaurya@localhost~". The user is logged in as "mmaurya" at "localhost~". The terminal shows the following commands and output:

```
[mmaurya@localhost ~]$ echo "Hello I am newline" >> file4.txt
[mmaurya@localhost ~]$ ls
Desktop  Documents  Downloads  file4.txt  Music  Pictures  Public  Templates  Videos
[mmaurya@localhost ~]$
```

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

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

o To delete a file – rm<any file name>

```
mmaurya@localhost/home/mmaurya
File Edit View Search Terminal Help
[root@localhost mmaurya]# ls
Desktop    Downloads  file2.txt  Pictures  Templates
Documents  file1.txt  Music      Public    Videos
[root@localhost mmaurya]# rm file1.txt
rm: remove regular empty file 'file1.txt'? yes
[root@localhost mmaurya]# ls
Desktop    Downloads  Music      Public    Videos
Documents  file2.txt  Pictures   Templates
[root@localhost mmaurya]#
```

o To delete a directory - rmdir < any\_directory name >

```
mmaurya@localhost/home/mmaurya
File Edit View Search Terminal Help
[root@localhost mmaurya]# mkdir monk
[root@localhost mmaurya]# ls
Desktop    Downloads  Music      Public    Videos
Documents  monk       Pictures   Templates
[root@localhost mmaurya]# rmdir monk
[root@localhost mmaurya]# ls
Desktop    Downloads  Pictures   Templates
Documents  Music      Public     Videos
[root@localhost mmaurya]#
```