

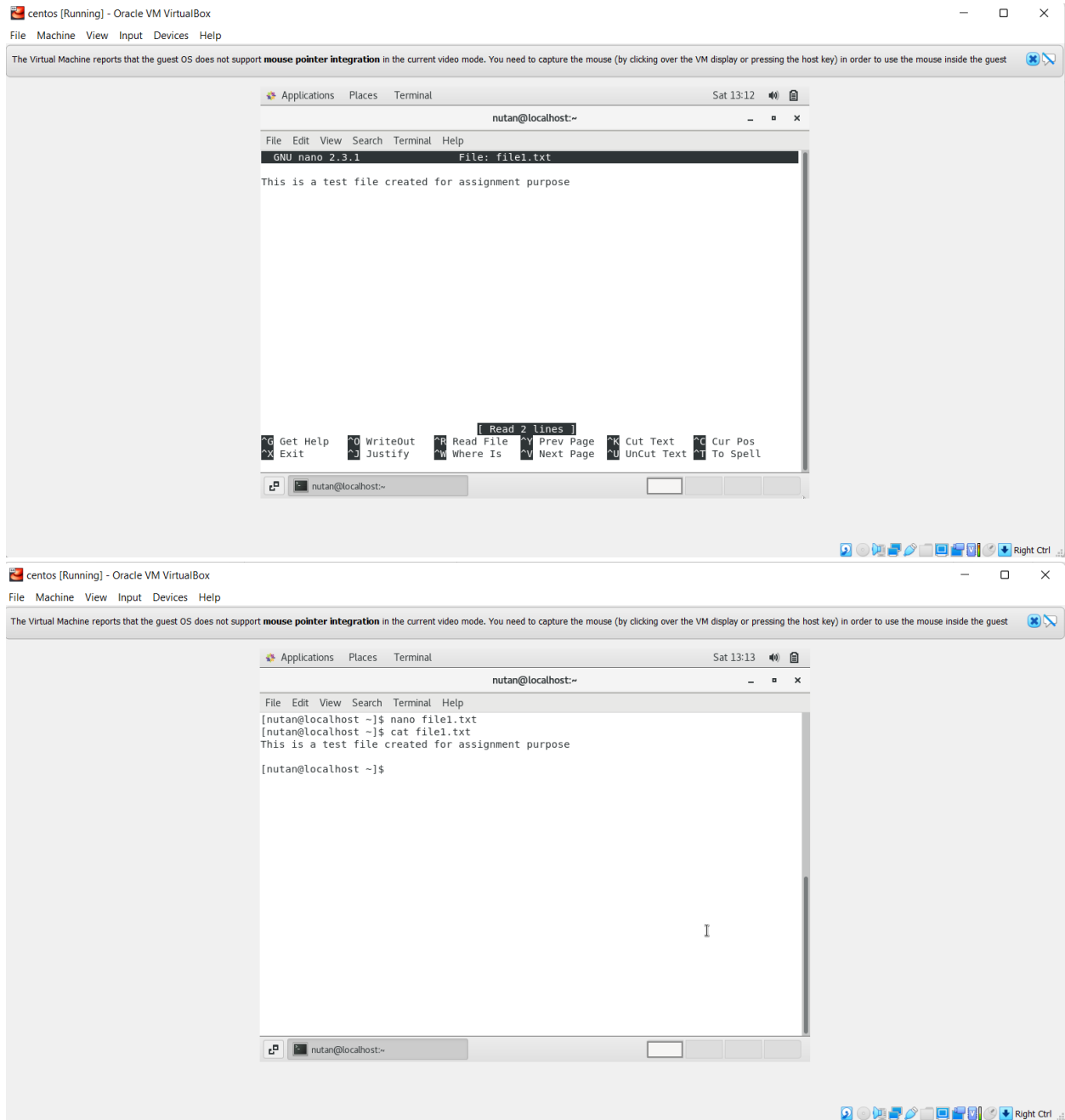
Assignment Part-3

Playing with files

1. Create a file like nano file1.txt

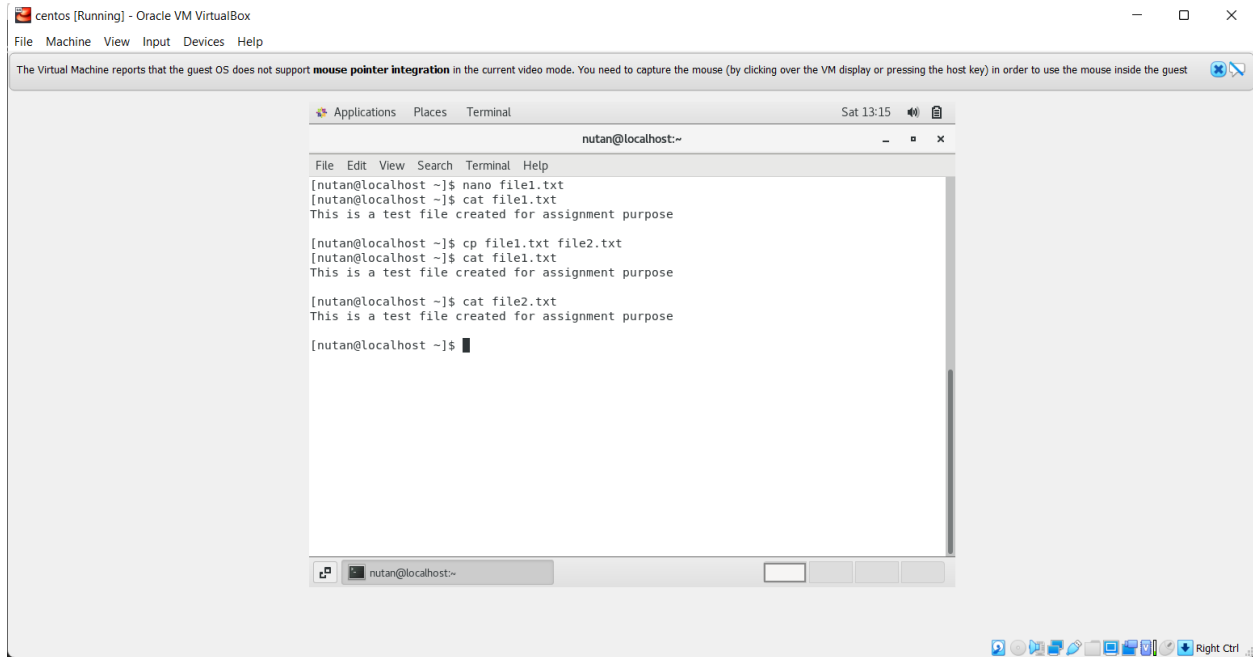
- o Edit some data and then save the file

Answer –



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

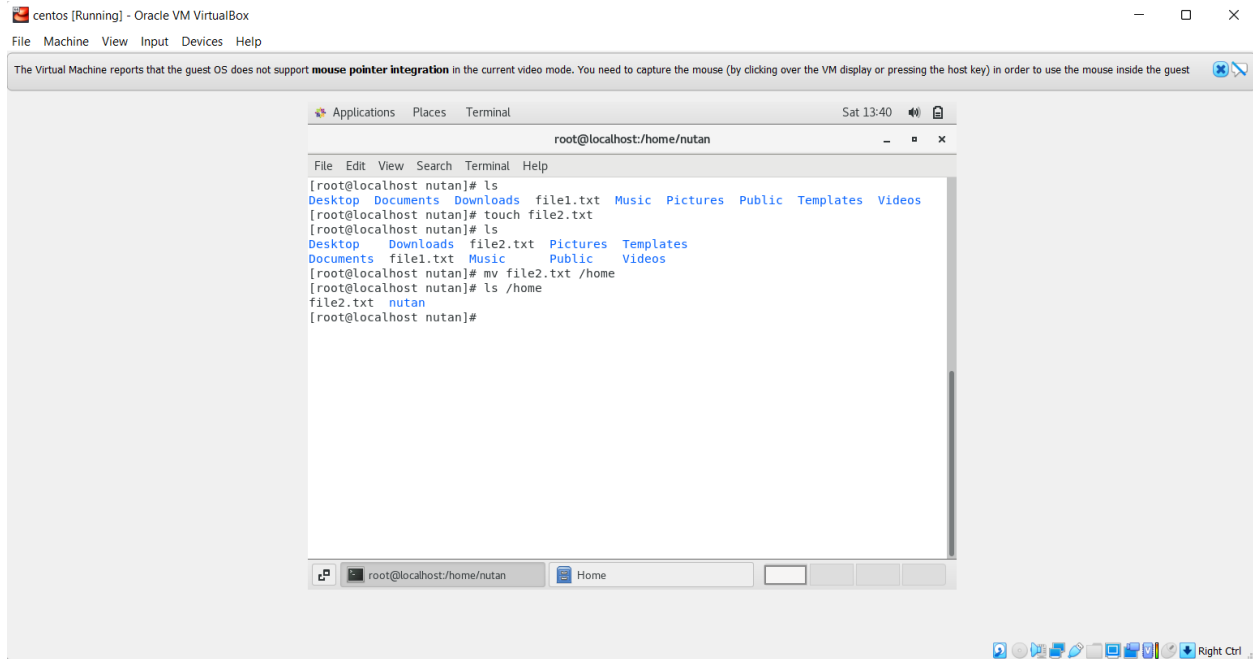


3. Now we will move the file2.txt to new folder /home

- o mv file2.txt /home

- o Then go to home directory and check ls, file exists or not?

- o Given screenshot



4. Then we create a new file3.txt and file4.txt in home directory and add content in it.

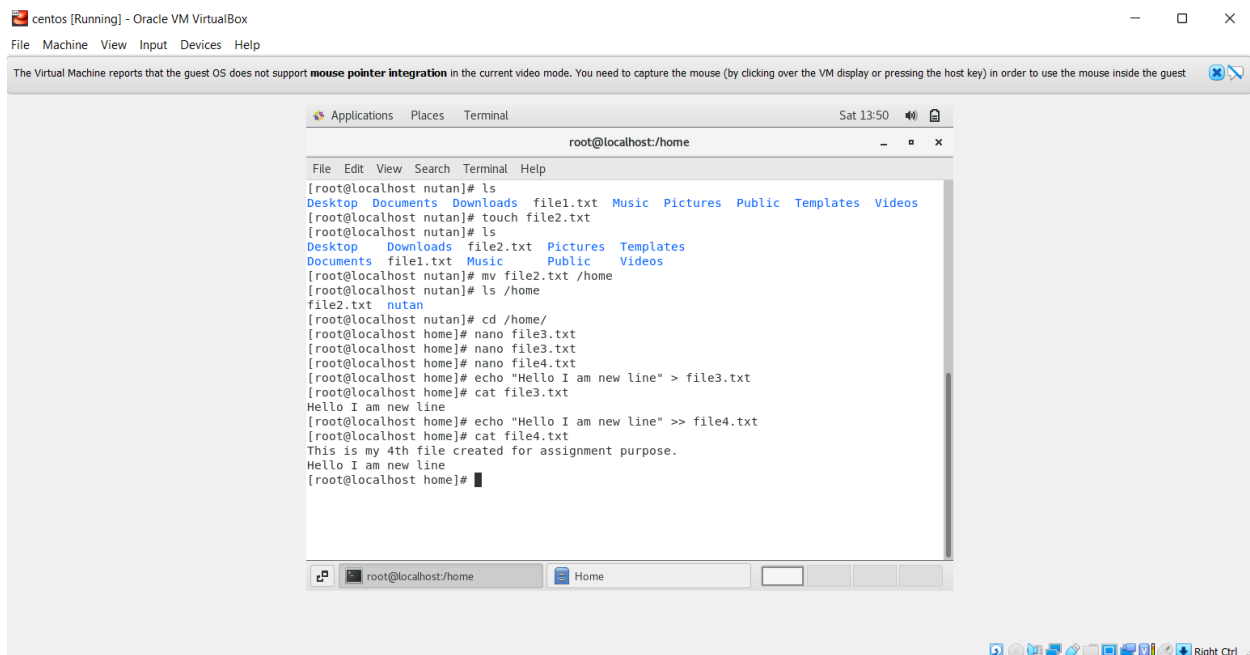
- o Now do echo "Hello I am newline" > file3.txt and provide the output of file3.txt

- 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

Answer –

The ">" is an output operator that overwrites the existing file, while ">>" is also an output operator but appends the data in an already existing file. Both operators are often used to modify the files in Linux.



The screenshot shows a terminal window titled "centos [Running] - Oracle VM VirtualBox". The terminal output is as follows:

```
root@localhost:~# ls
Desktop  Documents  Downloads  file1.txt  Music  Pictures  Public  Templates  Videos
root@localhost:~# touch file2.txt
root@localhost:~# ls
Desktop  Downloads  file2.txt  Pictures  Templates
Documents  file1.txt  Music      Public    Videos
root@localhost:~# mv file2.txt /home
root@localhost:~# ls /home
file2.txt  nutan
root@localhost:~# cd /home/
root@localhost:~# nano file3.txt
root@localhost:~# nano file4.txt
root@localhost:~# echo "Hello I am new line" > file3.txt
root@localhost:~# cat file3.txt
Hello I am new line
root@localhost:~# echo "Hello I am new line" >> file4.txt
root@localhost:~# cat file4.txt
This is my 4th file created for assignment purpose.
Hello I am new line
root@localhost:~#
```

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>

The Virtual Machine reports that the guest OS does not support **mouse pointer integration** in the current video mode. You need to capture the mouse (by clicking over the VM display or pressing the host key) in order to use the mouse inside the guest

```
Applications Places Terminal Sat 13:58
root@localhost/home
File Edit View Search Terminal Help
Hello I am new line
[root@localhost home]# echo "Hello I am new line" >> file4.txt
[root@localhost home]# cat file4.txt
This is my 4th file created for assignment purpose.
Hello I am new line
[root@localhost home]# mkdir test
[root@localhost home]# touch testfile.txt
[root@localhost home]# ls -l
total 12
-rw-r--r--. 1 root root 0 Oct 22 13:39 file2.txt
-rw-r--r--. 1 root root 20 Oct 22 13:48 file3.txt
-rw-r--r--. 1 root root 72 Oct 22 13:50 file4.txt
drwx----- 15 nutan nutan 4096 Oct 22 13:40 nutan
drwxr-xr-x. 2 root root 6 Oct 22 13:57 test
-rw-r--r--. 1 root root 0 Oct 22 13:57 testfile.txt
[root@localhost home]# rm testfile.txt
rm: remove regular empty file 'testfile.txt'? y
[root@localhost home]# rmdir test
[root@localhost home]# ls -l
total 12
-rw-r--r--. 1 root root 0 Oct 22 13:39 file2.txt
-rw-r--r--. 1 root root 20 Oct 22 13:48 file3.txt
-rw-r--r--. 1 root root 72 Oct 22 13:50 file4.txt
drwx----- 15 nutan nutan 4096 Oct 22 13:40 nutan
[root@localhost home]#
```