



Linux Basic Commands Assignment

Assignment Part-3

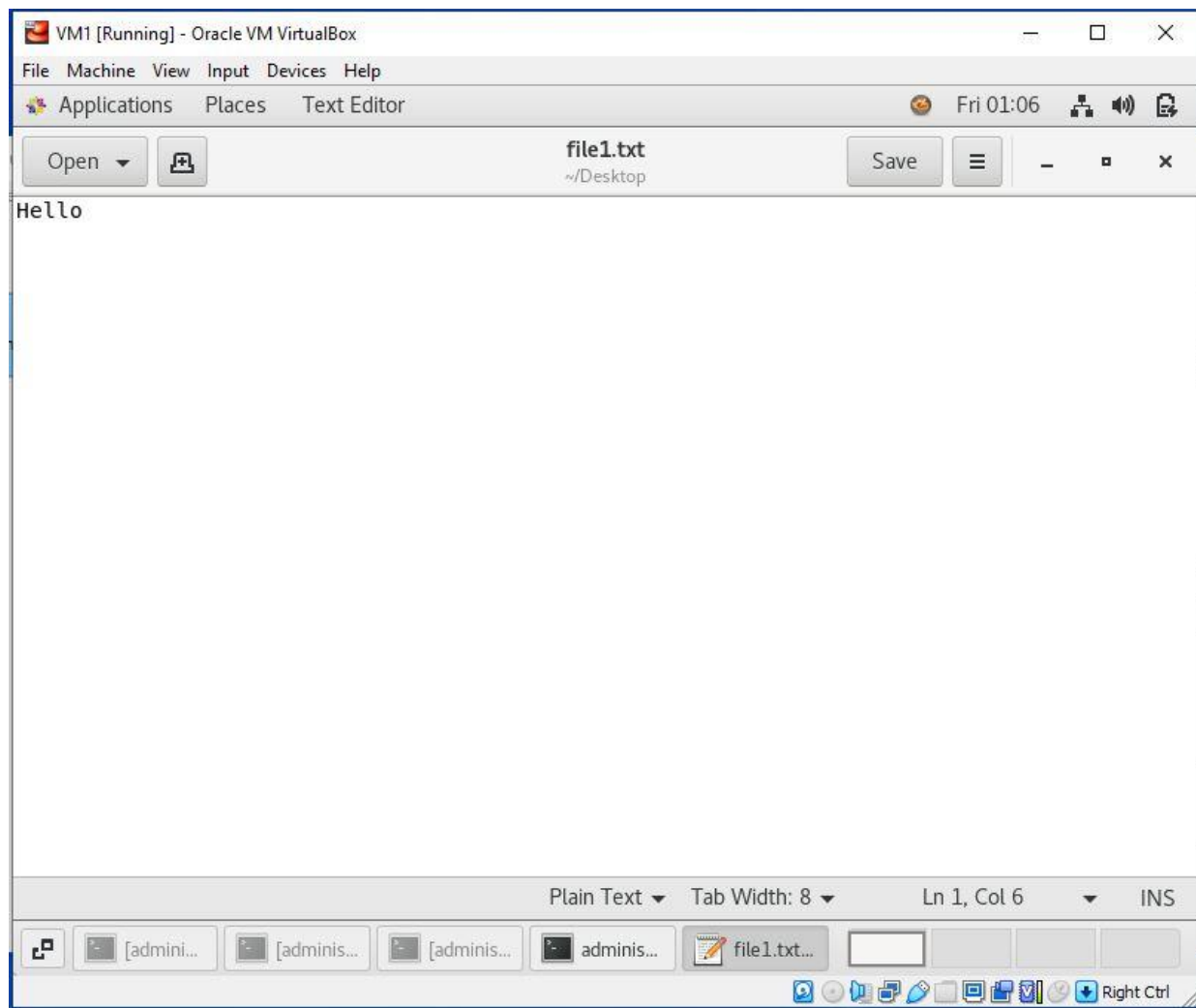
Playing with files

1. Create a file like nano file1.txt

- Edit some data and then save the file

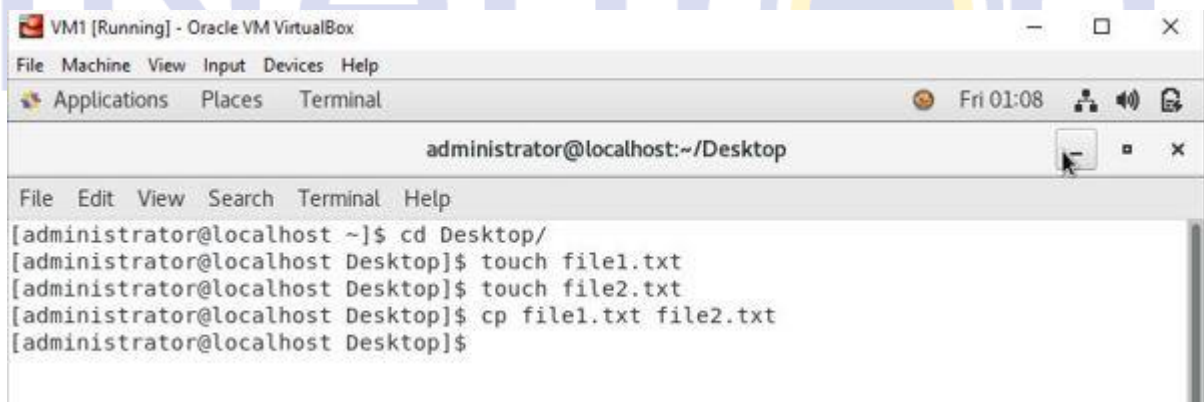
A screenshot of a Linux terminal window running inside an Oracle VM VirtualBox. The window title is "VM1 [Running] - Oracle VM VirtualBox". The menu bar includes "File", "Machine", "View", "Input", "Devices", and "Help". Below the menu bar, there are tabs for "Applications", "Places", and "Terminal". The terminal window shows the user "administrator@localhost" at the prompt. The user has navigated to the Desktop directory using "cd Desktop/" and created a file named "file1.txt" using the "touch file1.txt" command. The terminal output shows the commands and their results, with a cursor at the end of the last line.

```
administrator@localhost:~/Desktop
File Edit View Search Terminal Help
[administrator@localhost ~]$ cd Desktop/
[administrator@localhost Desktop]$ touch file1.txt
[administrator@localhost Desktop]$
```



2. Now we will copy data from file1 to new file2

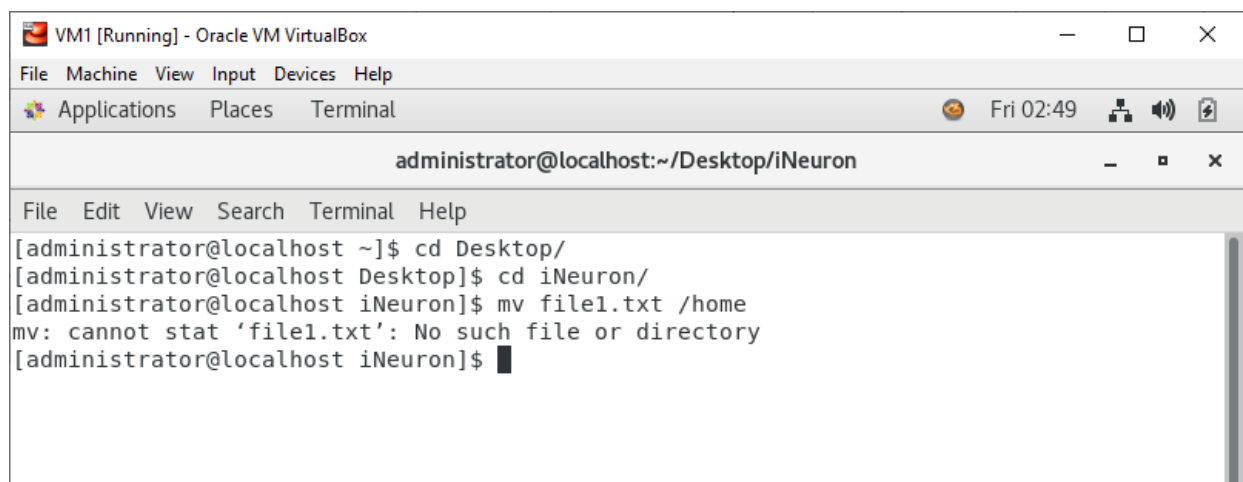
- o **cp file1.txt file2.txt**
- o Then see the output of file2.txt, **cat file2.txt**
- o Give screenshot





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

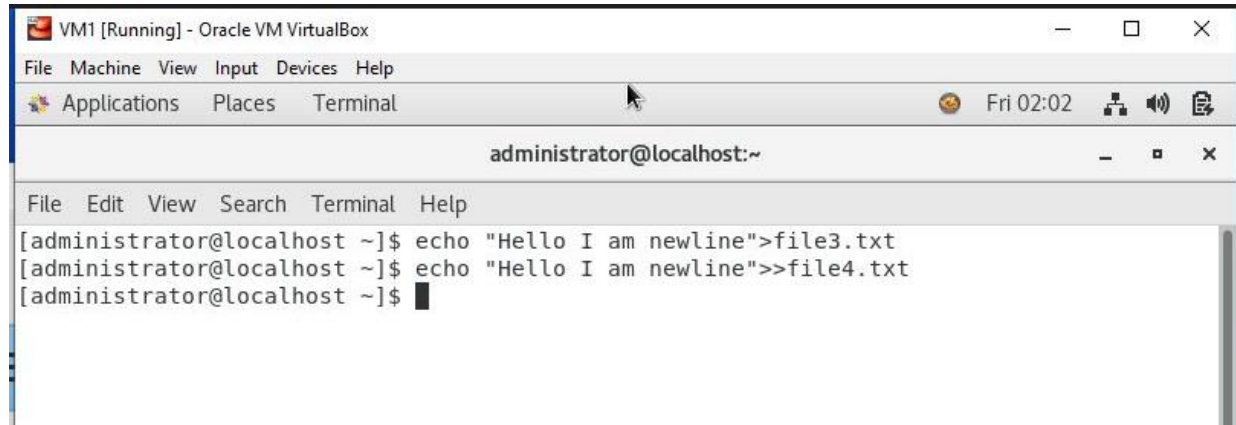
- o **mv file2.txt /home**
- o Then go to **home** directory and check **ls**, file exists or not?
- o Given screenshot



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



VM1 [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Applications Places Terminal

Fri 02:02

administrator@localhost:~

File Edit View Search Terminal Help

```
[administrator@localhost ~]$ echo "Hello I am newline">file3.txt
[administrator@localhost ~]$ echo "Hello I am newline">>file4.txt
[administrator@localhost ~]$
```



VM1 [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

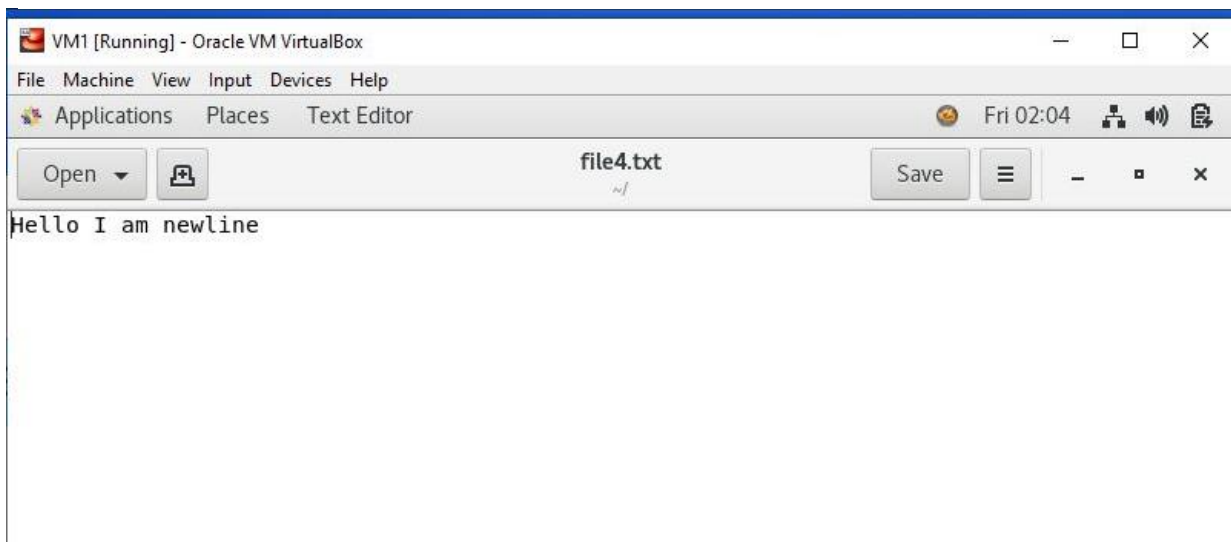
Applications Places Text Editor

Fri 02:03

file3.txt

Open Save

Hello I am newline



VM1 [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Applications Places Text Editor

Fri 02:04

file4.txt

Open Save

Hello I am newline

Reason: ">" is a command that overwrites the entire file.

- **echo "Hello I am newline" > file3.txt**

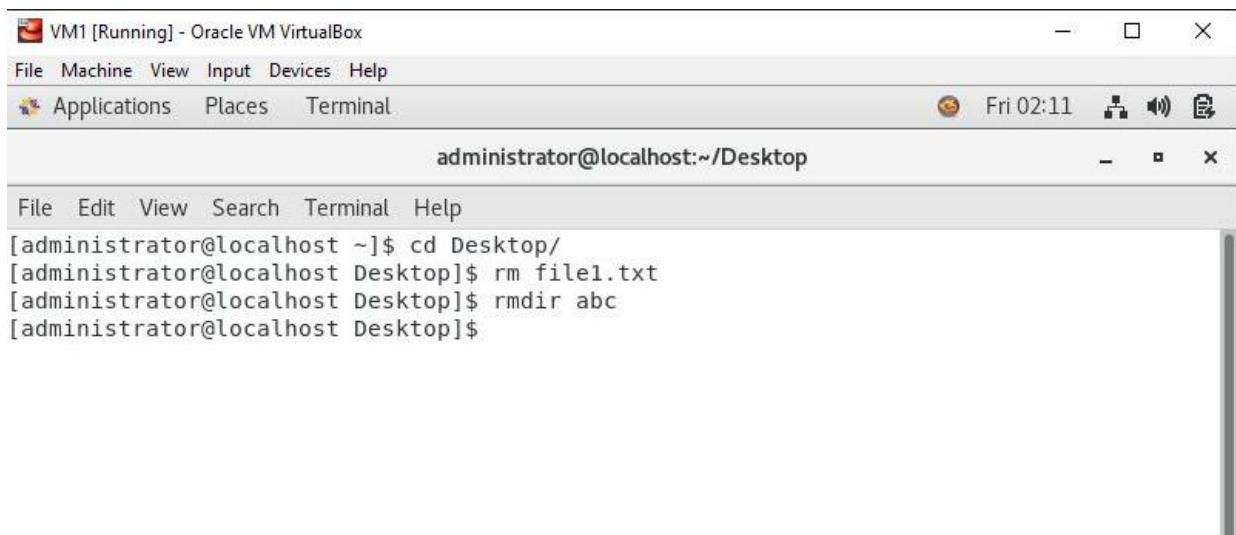
After executing the above command, you'll find that a text file "**file3.txt**" contains the data "**Hello I am newline**".

">>" is a command that appends the data to the last line of the file.

- **echo "Hello I am newline" >> file4.txt**
- After executing the above command, you'll find that a text file "**file4.txt**" contains the data "**Hello I am newline**". Since the commands are used for two different files there is no difference in output. Difference can be seen only when two different lines are appended into the text 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>**



```
VM1 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Applications Places Terminal
administrator@localhost:~/Desktop

File Edit View Search Terminal Help
[administrator@localhost ~]$ cd Desktop/
[administrator@localhost Desktop]$ rm file1.txt
[administrator@localhost Desktop]$ rmdir abc
[administrator@localhost Desktop]$
```

