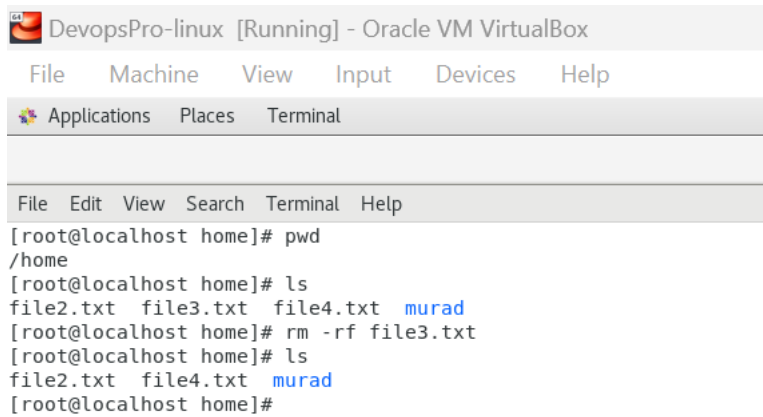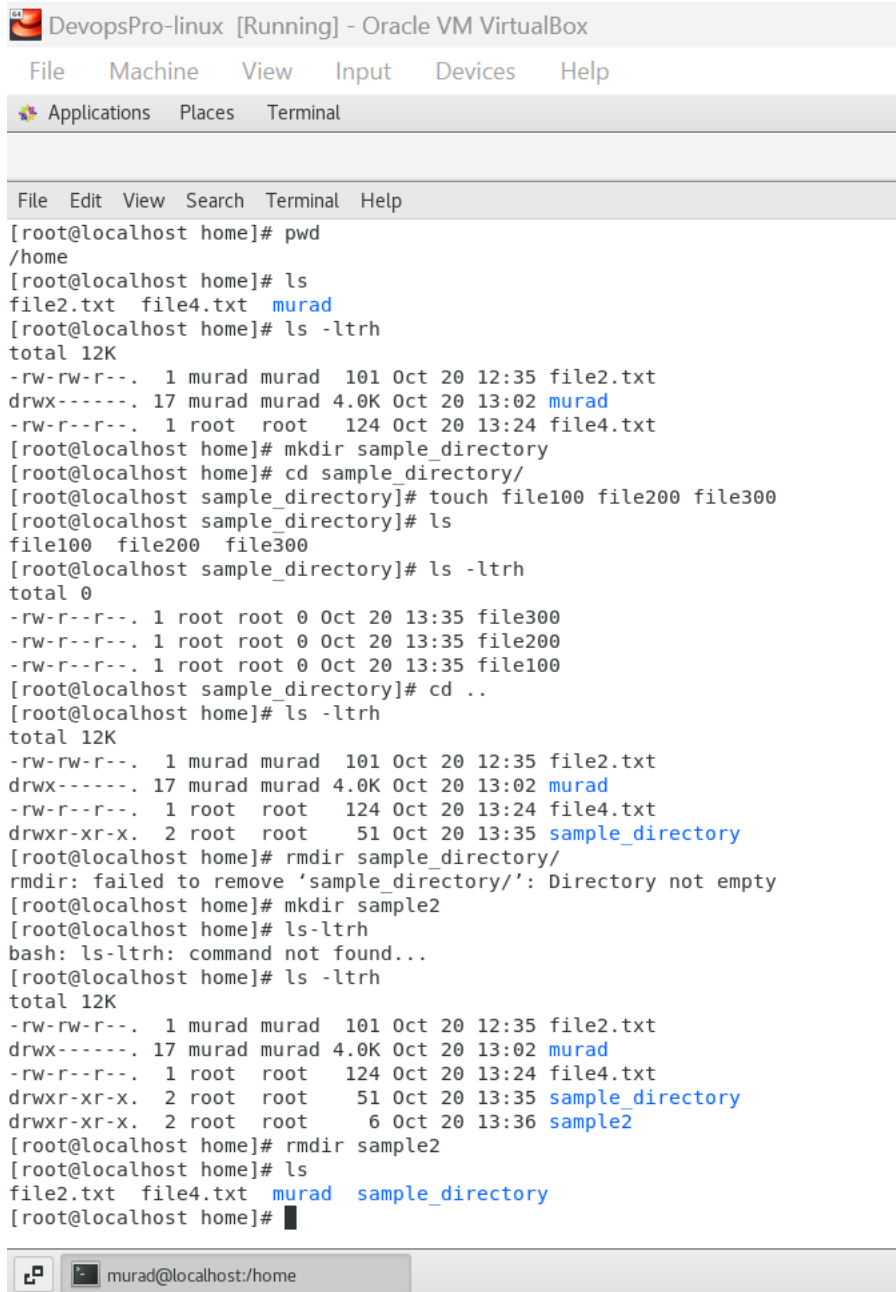5. For remove a file or directory you can use the below two commands

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



```
DevopsPro-linux  [Running] - Oracle VM VirtualBox
File    Machine    View    Input    Devices    Help
 Applications    Places    Terminal

File  Edit  View  Search  Terminal  Help
[root@localhost home]# pwd
/home
[root@localhost home]# ls
file2.txt  file3.txt  file4.txt  murad
[root@localhost home]# rm -rf file3.txt
[root@localhost home]# ls
file2.txt  file4.txt  murad
[root@localhost home]#
```

o To delete a directory – **rmdir <any_directoryname>**

File   Machine   View   Input   Devices   Help

Applications   Places   Terminal

File   Edit   View   Search   Terminal   Help

```
[root@localhost home]# pwd
/home
[root@localhost home]# ls
file2.txt  file4.txt  murad
[root@localhost home]# ls -ltrh
total 12K
-rw-rw-r--.  1 murad murad  101 Oct 20 12:35 file2.txt
drwx------. 17 murad murad 4.0K Oct 20 13:02 murad
-rw-r--r--.  1 root  root   124 Oct 20 13:24 file4.txt
[root@localhost home]# mkdir sample_directory
[root@localhost home]# cd sample_directory/
[root@localhost sample_directory]# touch file100 file200 file300
[root@localhost sample_directory]# ls
file100  file200  file300
[root@localhost sample_directory]# ls -ltrh
total 0
-rw-r--r--. 1 root root 0 Oct 20 13:35 file300
-rw-r--r--. 1 root root 0 Oct 20 13:35 file200
-rw-r--r--. 1 root root 0 Oct 20 13:35 file100
[root@localhost sample_directory]# cd ..
[root@localhost home]# ls -ltrh
total 12K
-rw-rw-r--.  1 murad murad  101 Oct 20 12:35 file2.txt
drwx------. 17 murad murad 4.0K Oct 20 13:02 murad
-rw-r--r--.  1 root  root   124 Oct 20 13:24 file4.txt
drwxr-xr-x.  2 root  root    51 Oct 20 13:35 sample_directory
[root@localhost home]# rmdir sample_directory/
rmdir: failed to remove 'sample_directory/': Directory not empty
[root@localhost home]# mkdir sample2
[root@localhost home]# ls-ltrh
bash: ls-ltrh: command not found...
[root@localhost home]# ls -ltrh
total 12K
-rw-rw-r--.  1 murad murad  101 Oct 20 12:35 file2.txt
drwx------. 17 murad murad 4.0K Oct 20 13:02 murad
-rw-r--r--.  1 root  root   124 Oct 20 13:24 file4.txt
drwxr-xr-x.  2 root  root    51 Oct 20 13:35 sample_directory
drwxr-xr-x.  2 root  root     6 Oct 20 13:36 sample2
[root@localhost home]# rmdir sample2
[root@localhost home]# ls
file2.txt  file4.txt  murad  sample_directory
[root@localhost home]# 
```

murad@localhost:/home
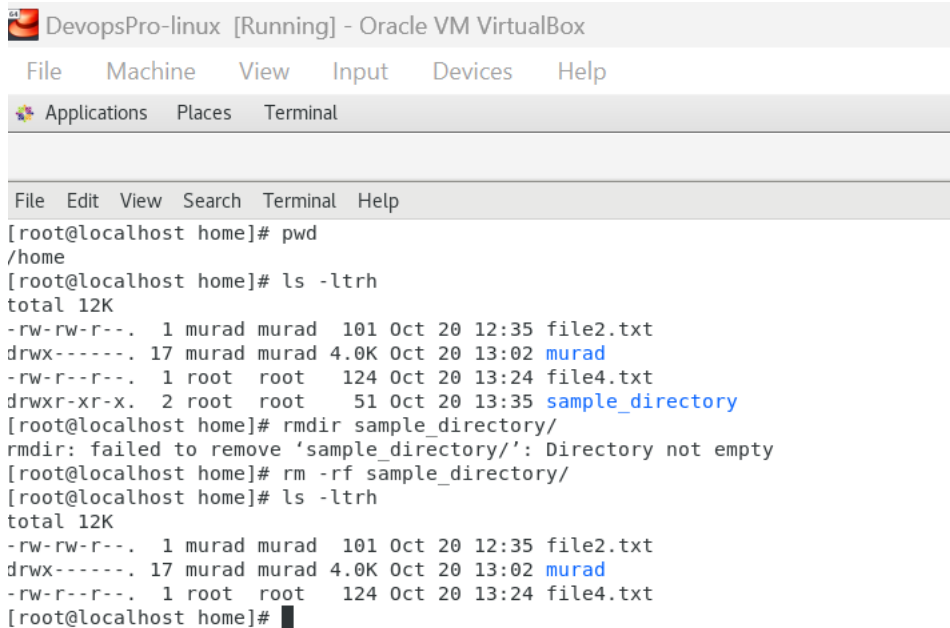
```
DevopsPro-linux [Running] - Oracle VM VirtualBox

File    Machine    View    Input    Devices    Help

Applications    Places    Terminal


File  Edit  View  Search  Terminal  Help
[root@localhost home]# pwd
/home
[root@localhost home]# ls -ltrh
total 12K
-rw-rw-r--.  1 murad murad  101 Oct 20 12:35 file2.txt
drwx------. 17 murad murad 4.0K Oct 20 13:02 murad
-rw-r--r--.  1 root  root   124 Oct 20 13:24 file4.txt
drwxr-xr-x.  2 root  root    51 Oct 20 13:35 sample_directory
[root@localhost home]# rmdir sample_directory/
rmdir: failed to remove 'sample_directory/': Directory not empty
[root@localhost home]# rm -rf sample_directory/
[root@localhost home]# ls -ltrh
total 12K
-rw-rw-r--.  1 murad murad  101 Oct 20 12:35 file2.txt
drwx------. 17 murad murad 4.0K Oct 20 13:02 murad
-rw-r--r--.  1 root  root   124 Oct 20 13:24 file4.txt
[root@localhost home]#
```

Here I had created 2 directories as I did not have any directory except user (murad) directory. Hence, I had created 2 directories sample_ directory > 3 files created in the same directory and then it was not deleting with the command rmdir because it was not an empty directory.

Then I had created another empty directory with sample2 and that got deleted with command rmdir.

I used rm -rf command to delete sample_directory and it got deleted because f stands for forceful. Hence, I was able to delete the directory forcefully.