

Practical 1

1. Ls

```
vboxuser@Nouman:~$ ls
Desktop  Documents  Downloads  Music  Pictures  Public  snap  Templates  Videos
vboxuser@Nouman:~$
```

2. mkdir

```
vboxuser@Nouman:~/Documents$ mkdir Iot
vboxuser@Nouman:~/Documents$ ls
Iot
vboxuser@Nouman:~/Documents$
```

3. cd

```
vboxuser@Nouman:~/Documents$ cd Iot
vboxuser@Nouman:~/Documents/Iot$
```

4. touch

```
vboxuser@Nouman:~/Documents/Iot$ touch iot.txt
vboxuser@Nouman:~/Documents/Iot$ ls
iot.txt
vboxuser@Nouman:~/Documents/Iot$ touch aiml.txt
vboxuser@Nouman:~/Documents/Iot$ ls
aiml.txt  iot.txt
vboxuser@Nouman:~/Documents/Iot$
```

5. nano

```
aiml.txt  iot.txt
vboxuser@Nouman:~/Documents/Iot$ nano iot.txt
vboxuser@Nouman:~/Documents/Iot$ cat iot.txt
good
vboxuser@Nouman:~/Documents/Iot$
```

6. cat

```
vboxuser@Nouman:~/Documents/Iot$ cat iot.txt aiml.txt
good
morning
vboxuser@Nouman:~/Documents/Iot$
```

7. ls -l

```
vboxuser@Nouman:~/Documents/Iot$ ls -l
total 8
-rw-rw-r-- 1 vboxuser vboxuser 8 Feb  5 21:42 aimpl.txt
-rw-rw-r-- 1 vboxuser vboxuser 5 Feb  5 21:41 iot.txt
vboxuser@Nouman:~/Documents/Iot$
```

8. chmod u+x , u-x

```
vboxuser@Nouman:~/Documents/Iot$ chmod u+x iot.txt
vboxuser@Nouman:~/Documents/Iot$ ls -l
total 8
-rw-rw-r-- 1 vboxuser vboxuser 8 Feb  5 21:42 aimpl.txt
-rwxrw-r-- 1 vboxuser vboxuser 5 Feb  5 21:41 iot.txt
vboxuser@Nouman:~/Documents/Iot$ █
```

9. cp

```
vboxuser@Nouman:~/Documents/Iot$ cp iot.txt aimpl.txt
vboxuser@Nouman:~/Documents/Iot$ cat aimpl.txt
good
vboxuser@Nouman:~/Documents/Iot$ █
```

10. rm

```
vboxuser@Nouman:~/Documents/Iot$ ls
aiml.txt  iot.txt
vboxuser@Nouman:~/Documents/Iot$ rm iot.txt
vboxuser@Nouman:~/Documents/Iot$ ls
aiml.txt
vboxuser@Nouman:~/Documents/Iot$
```

11. pwd

```
vboxuser@Nouman:~/Documents/Iot$ pwd
/home/vboxuser/Documents/Iot
```

12. rmdir

```
vboxuser@Nouman:~/Documents/Iot$ rmdir Iot
rmdir: failed to remove 'Iot': No such file or directory
vboxuser@Nouman:~/Documents/Iot$
```

13. rm -rf

```
vboxuser@Nouman:~/Documents$ rm -rf Iot
vboxuser@Nouman:~/Documents$ ls
'0s practical 1.odt' █
```