

**NETWORKING & SYSTEM ADMINISTRATION LAB****Name: Manya Madhu****Roll No:17****Batch: S2 MCA B****Date: 04-04-2022****Experiment No.: 5****Aim**

Familiarization of linux commands.

**Procedure****1. Copy Command**

‘cp’ command is used to copy a file or a directory.

\$ cp filename newfilename

Output:

```
student@S17:~/manya$ cp marvel3 marvel6
student@S17:~/manya$ cat marvel6
iron man      harry
spider man    smarf
super man     mickey
```

**2. cp -r command**

To copy a directory along with its sub directories.

Output:

```
student@S17:~$ cp -r manya sample
student@S17:~$ ls
1          a.sh      Desktop    F1         '<invalid path>'    Music      snap        tea.c
1.c        aswin     Documents  file1.tar.gz '<invalid path>.layout' OOPLab     solid_teaport.c tea.c.temp
1.o        blank.txt Downloads  file.txt    jubin      opengl     solid_teaport.c.temp teaport.c
aa         book.php  d.sh       frn.txt    keyyd      Pictures   solid_teaport.o  Templates
Aparna     b.sh      E1         gogt       keyyd.c    Public     sqrt1-9-21.py    text
area1-9-21.py c.txt    E2         hello      keyyd.o    PycharmProjects s.sh          Videos
area.py     D1       E3         if.c       manya      s22018     sum1-9-21.py    wold
array1.c    D2       examples.desktop II6.py     mca        sample      summm.py
array.c     D3       f          III12.py   m.sh       shellprogram sum.py
```

```
student@S17:~$ cd sample
student@S17:~/sample$ ls
empty.txt  manya
student@S17:~/sample$
```

a,

\$ cp filename directory name

Files with same names will overwrite.

Output:

```
student@S17:~/sample$ cp doc1 sample
student@S17:~/sample$ cat doc1
cp command
```

### 3. cp -i command

Before copying the contents of files or directory asks for confirmation.

Output:

```
student@S17:~/sample$ cp -i doc1 sample
cp: overwrite 'sample'? y
```

### 4. Move command

It is used to move existing file or directory from one location to another. It is also used to rename a file or directory.

a, \$ mv filename directory name

To move the entire file to another place.

Output:

```
student@S17:~/manya$ mv marvel1 sample
student@S17:~/manya$ cd ..
student@S17:~$ cd sample
student@S17:~/sample$ ls
```

b, \$ mv directory1 directory2

To move the contents from one directory to another directory.

Output:

```
student@S17:~$ mv sample empty
student@S17:~$ cd empty
student@S17:~/empty$ ls
sample
```

c, mv -i command

This command asks for permission to overwrite.

\$ mv -i file1 file2

Output:

```
student@S17:~/manya$ mv -i demo3 marvel3
mv: overwrite 'marvel3'? y
student@S17:~/manya$ cat marvel3
nothing
```