

NETWORKING & SYSTEM ADMINISTRATION LAB**Name: Shefany Shanavas****Roll No: 37****Batch: B****Date: 04/04/2022****Experiment No.: 5****Aim**

Familiarization of the linux commands.

Procedure**1. cp**

cp means copy. 'cp' command is used to copy a file or a directory.

Syntax :- \$ cp filename1 filename2

Output :-

```
student@S37:~/aami$ cp marvel1 marvel2
student@S37:~/aami$ cat marvel2
captain america
ironman
thor
black widow
hulk
spiderman
groot
student@S37:~/aami$
```

2. cp -r

This command is used to copy a directory along with its sub directories..

Syntax :- \$ cp -r directory1 directory2

Output :-

```
student@S37:~$ cd sample
student@S37:~/sample$ ls
p1.txt dd.txt doc1
student@S37:~/sample$ cd ..
student@S37:~$ cp -r sample aami
student@S37:~$ cd aami
student@S37:~/aami$ ls
a.txt b.txt file1.txt file.txt mark1 mark1.txt marvel1 marvel2 mca sample v.txt
student@S37:~/aami$
```

3. cp -i

This command asks for confirmation.

Syntax :- `$ cp -i filename1 directory1`

Output :-

```
[1]+ Stopped                  cat > file.txt
student@S37:~/aamii$ cp -i marvel1 file.txt
cp: overwrite 'file.txt'? y
student@S37:~/aamii$ cat file.txt
captain america
ironman
thor
black widow
hulk
spiderman
groot
```

4. mv

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

Syntax :- `$ mv file1 directory`

Output :-

```
student@S37:~/aamii$ mv marvel2 v.txt
student@S37:~/aamii$ cat v.txt
nebula
gamora
panda
dr strange
```

5. mv -i

This command is asks for permission to over write

Syntax :- `$ mv -i file1 directory1`

Output:-

```
mca@537:~$ ls
aa.txt Desktop Documents Downloads examples.desktop file.txt mozilla.pdf Music Pictures Public snap Templates Videos
mca@537:~$ mv aa.txt Downloads
mca@537:~$ ls
Desktop Documents Downloads examples.desktop file.txt mozilla.pdf Music Pictures Public snap Templates Videos
mca@537:~$ cat > aa.txt
hi i am aamii
^Z
[1]+  Stopped                  cat > aa.txt
mca@537:~$ mv -i aa.txt Downloads
mv: replace 'Downloads/aa.txt', overriding mode 0464 (r--rw-r--)? y
mca@537:~$ cat > aa.txt
yh65uy76u
^Z
[2]+  Stopped                  cat > aa.txt
mca@537:~$ mv -i aa.txt Downloads
mv: overwrite 'Downloads/aa.txt'? n
mca@537:~$
```