

NETWORKING & SYSTEM ADMINISTRATION LAB

Experiment No.: 5

Aim

Familiarization of the linux commands.

Name: SREELAKSHMI R

Roll No: 41

Batch: RMCA S2B

Date: 04/04/2022

Procedure

1. cp

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

Syntax :- \$ cp filename1 filename2

Output :-

```
student@S41:~/sreelakshmi$ cat marvel3
Thor  spiderman
Spider man  groot
Hulk  moana
Iron man
Captain america
student@S41:~/sreelakshmi$ cp marvel3 marvel4
student@S41:~/sreelakshmi$ cat marvel4
Thor  spiderman
Spider man  groot
Hulk  moana
Iron man
Captain america
```

2. cp -r

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

Syntax :- \$ cp -r directory1 directory2

Output :-

```
student@S41:~$ cd sample
bash: cd: sample: Not a directory
student@S41:~$ cd sree
student@S41:~/sree$ ls
a.txt  b.txt  sree
student@S41:~/sree$ cd ..
student@S41:~$ cp -r sample sree
student@S41:~$ cd sree
student@S41:~/sree$ ls
a.txt  b.txt  sample  sree
student@S41:~/sree$ cd ..
student@S41:~$ ls
A      Desktop  frequency  last  marvel  marvel4  Public  PycharmProjects  sample.o  snap  string1.c
a.txt  Documents frequency.c last.c  marvel1  marvel1  PycharmProjects  sentencerev  sree  string1.o
compiler Downloads  frequency.o last.o  marvel2  Music  sample  sentencerev.c  sreelakshmi  Templates
deno   examples.desktop Image  mark1  marvel3  Pictures  sample.c  sentencerev.o  string1  Videos
```

3. cp -i

This command asks for confirmation.

Syntax :- `$ cp -i filename1 directory1`

Output :-

```
student@S41:~$ cp dd.txt sreelakshmi
student@S41:~$ cat dd.txt
cp command
student@S41:~$ cat>doc1
hai linux
^Z
[3]+  Stopped                  cat > doc1
student@S41:~$ cp doc1 sreelakshmi
student@S41:~$ cat doc1
hai linux
student@S41:~$ cp -i doc1 sreelakshmi
cp: overwrite 'sreelakshmi/doc1'?
```

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 directory1`

Output :-

5. mv -i

This command is asks for permission to over write

Syntax :- `$ mv -i file1 directory1`

