

**NETWORKING & SYSTEM ADMINISTRATION LAB****Experiment No.: 5****Aim**

Familiarization of the linux commands.

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**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@S38:~$ cp marvel2 marvel5
student@S38:~$ cat marvel5
nebula
gamora
panda
dr strange
```

**2. cp -r**

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

Syntax :-     \$ cp -r directory1 directory2

Output :-

```
student@S38:~$ cd silvia
student@S38:~/silvia$ ls
sample  text.txt
student@S38:~/silvia$ cd..
cd..: command not found
student@S38:~/silvia$ cd ..
student@S38:~$ cp -r sample silvia
student@S38:~$ cd silvia
student@S38:~/silvia$ ls
sample  text.txt
```

### 3. cp -i

This command asks for confirmation.

Syntax :- `$ cp -i filename1 directory1`

Output :-

```
student@S38:~$ cat > dd.txt
haii
^Z
[1]+  Stopped                  cat > dd.txt
student@S38:~$ cd sample
student@S38:~/sample$ cat > dd.txt
copy
^Z
[2]+  Stopped                  cat > dd.txt
student@S38:~/sample$ cd ..
student@S38:~$ cp dd.txt sample
student@S38:~$ cat dd.txt
haii
student@S38:~$ cd sample
student@S38:~/sample$ ls
dd.txt  doc1
student@S38:~/sample$ cd ..
student@S38:~$ cp -i dd.txt sample
cp: overwrite 'sample/dd.txt'? y
student@S38:~$ cd sample
student@S38:~/sample$ ls
```

### 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@S38:~/silvia$ ls
sample  text.txt
student@S38:~/silvia$ mv text.txt sample
student@S38:~/silvia$ ls
sample
student@S38:~/silvia$ cd sample
student@S38:~/silvia/sample$ ls
dd.txt  doc1  text.txt
student@S38:~/silvia/sample$ cd ..
```

->This command is used to move existing file or directory from one location to another.

Syntax :- `$ mv directory1 directory2`

Output :-

```
student@S38:~/silvia$ mkdir music
student@S38:~/silvia$ ls
music sample
student@S38:~/silvia$ mv sample music
student@S38:~/silvia$ ls
music
student@S38:~/silvia$ cd music
student@S38:~/silvia/music$ ls
sample
student@S38:~/silvia/music$ cd ..
student@S38:~/silvia$ cd sample
bash: cd: sample: No such file or directory
```

## 5. mv -i

This command is asks for permission to over write

Syntax :- `$ mv -i file1 directory1`

Output:-

```
student@S38:~/silvia$ mv -i text2.txt text3.txt
mv: overwrite 'text3.txt'? y
student@S38:~/silvia$ cat text3.txt
Silvia thomas
NSA
```