

**NETWORKING&SYSTEM ADMINISTRATION LAB****Experiment No.: 6****Aim**

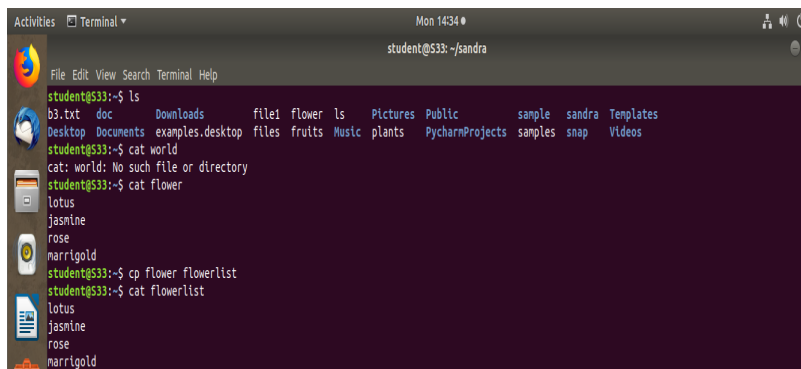
Familiarization of basic linux commands

**Procedure:**

1. cp – cp command used to copy

**syntax:**

\$cp flower flowerlist

**output:**

```
student@533:~$ ls
b3.txt  doc  Downloads  file1  flower  ls  Pictures  Public  sample  sandra  Templates
Desktop  Documents  examples.desktop  files  fruits  Music  plants  PycharmProjects  samples  snap  Videos

student@533:~$ cat world
cat: world: No such file or directory

student@533:~$ cat flower
lotus
jasmine
rose
marrikgold

student@533:~$ cp flower flowerlist

student@533:~$ cat flowerlist
lotus
jasmine
rose
marrikgold
```

2. **cp -r** - cp -r command is used to copy entier directory.

**Syntax:**

\$cp -r – sample sandra

### output:

```

student@S33:~$ cd sample
student@S33:~/sample$ ls
b1.txt
student@S33:~/sample$ cd ..
student@S33:~$ cd sandra
student@S33:~/sandra$ ls
b.txt  sample.txt
student@S33:~/sandra$ cd ..
student@S33:~$ cp sample sandra
cp: -r not specified; omitting directory 'sample'
student@S33:~$ cp -r sample sandra
student@S33:~$ cd sandra
student@S33:~/sandra$ ls
b.txt  sample  sample.txt
student@S33:~/sandra$

```

3. **cp -i** – this command is used to ask permission to overwrite

### syntax:

cp -i doc1.txt sample

### output :

```

cat: doc1.txt: No such file or directory
student@S33:~$ cat > doc1.txt
hello
world
^Z
[4]+  Stopped                  cat > doc1.txt
student@S33:~$ cd sample
student@S33:~/sample$ cat > doc1.txt
hai its a example
^Z
[5]+  Stopped                  cat > doc1.txt
student@S33:~/sample$ cd ..
student@S33:~$ cp doc1.txt sample
student@S33:~$ cat doc1.txt
hello
world
student@S33:~$ cp -i doc1.txt sample
cp: overwrite 'sample/doc1.txt'? y
student@S33:~$ ls
b3.txt  doc  Documents  examples.desktop  file1  files  flowerlist  ls  Pictures  Public  sample  sandra  Templates
Desktop doc1.txt  Downloads  exaple.txt  file1.txt  flower  fruits  Music  plants  PycharmProjects  samples  snap  Videos
student@S33:~$

```

#### 4. **mv** – mv command is used to move a file to another directory

##### **syntax:**

```
$mv b3.txt doc
```

##### **output:**

```
student@533:~$ cd sample
student@533:~/sample$ cat > doc1.txt
hai its a example
^Z
[5]+  Stopped                  cat > doc1.txt
student@533:~/sample$ cd ..
student@533:~$ cp doc1.txt sample
student@533:~$ cat doc1.txt
hello
world
student@533:~$ cp -i doc1.txt sample
cp: overwrite 'sample/doc1.txt'? y
student@533:~$ ls
b3.txt  doc      Documents  examples.desktop  file1  files  flowerlist  ls  Pictures  Public  PycharmProjects  sample  sandra  Templates
Desktop doc1.txt Downloads  exaple.txt        file1.txt  flower  fruits  Music  plants  PycharmProjects  samples  snap  Videos
student@533:~$ mv b3.txt doc
student@533:~$ ls
Desktop  Documents  exaple.txt  files  fruits  Pictures  PycharmProjects  sandra  Videos
doc      Downloads  file1      flower  ls      plants  sample          snap
doc1.txt examples.desktop  file1.txt  flowerlist  Music  Public  samples          Templates
student@533:~$ cd doc
student@533:~/doc$ ls
b1.txt  b2.txt  b3.txt
student@533:~/doc$ cat > red.txt
demo^Z
```

#### 5. **mv -i** - this command is used to ask permission to move one directory to another directory .

##### **Syntax:**

```
$mv -i red.txt sample
```

##### **output:**

```
>_ mv: cannot stat 'b1.txt': No such file or directory
student@533:~$ cat > b1.txt
ijnm
^Z
[9]+  Stopped                  cat > b1.txt
student@533:~$ mv -i b1.txt sample
mv: overwrite 'sample/b1.txt'? 
```

