

Experiment No.: 2**Date: 07-03-2023****Aim**


Familiarisation of linux commands

CO1

Perform system administration task.

Procedure**1:cd [directoryname]:** Change in directory

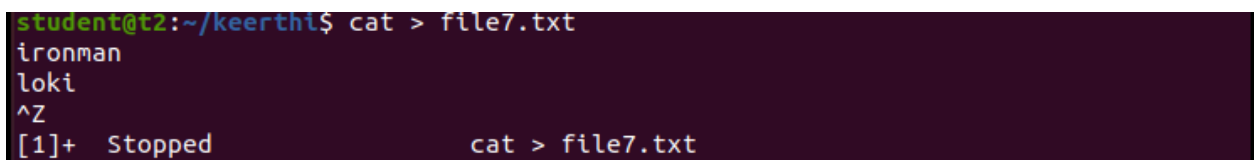
\$cd keerthi

Output Screenshot

```
student@t2:~$ cd keerthi
```

2: . cat > [filename] : Create a new file and open it to add content.

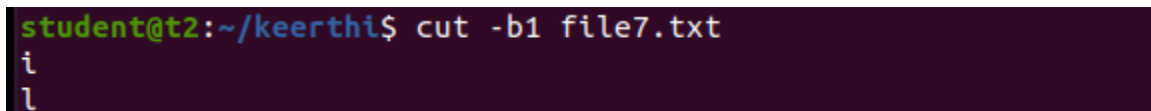
\$cat > file7.txt

Output Screenshot

```
student@t2:~/keerthi$ cat > file7.txt
ironman
loki
^Z
[1]+  Stopped                  cat > file7.txt
```

3: cut -b1 [filename] : It is used to cut a specific section by bytes.

\$cut -b1 file7.txt

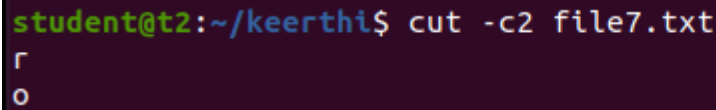
Output Screenshot

```
student@t2:~/keerthi$ cut -b1 file7.txt
i
l
```

3.1: cut -c2 [filename] : It is used to select the specified characters.

```
$ cut -c2 file7.txt
```

Output Screenshot



```
student@t2:~/keerthi$ cut -c2 file7.txt
r
o
```

3.2: . cat > [filename] : Create a new file and open it to add content.

```
$cat > mark3
```

Output Screenshot

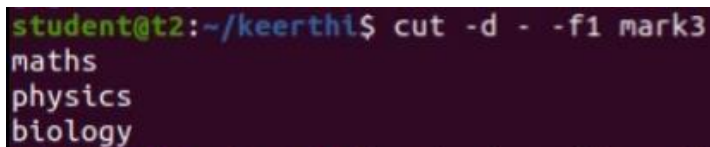


```
student@t2:~/keerthi$ cat > mark3
maths -40
physics -50
biology-70
^Z
[4]+  Stopped                  cat > mark3
```

3.3.cut -d - -f1 mark1 : It is used to cut a specific section by a delimiter.

```
$ cut -d - -f1 mark1
```

Output Screenshot



```
student@t2:~/keerthi$ cut -d - -f1 mark3
maths
physics
biology
```

3.4. cut -d - -f2 [filename] : It is used to select the specific fields. It also prints any line that does not contain any delimiter character, unless the -s option is specified.

```
$ cut -d - -f2 mark3
```

Output Screenshot

```
student@t2:~/keerthi$ cut -d - -f2 mark3
40
50
70
```

3.5. cut -d ' ' -f2 [filename] : It is used to select the specific fields. It also prints any line that does not contain any delimiter character, unless the -s option is specified

\$ cut -d ' ' -f2 mark3

Output Screenshot

```
student@t2:~/keerthi$ cut -d ' ' -f2 mark3
-40
-50
biology-70
```

4. paste [filename]

\$ paste mark3 mark4

Output Screenshot

```
student@t2:~/keerthi$ cat > mark4
datastructure 75
digital 50
python 40
^Z
[5]+  Stopped                  cat > mark4
student@t2:~/keerthi$ paste mark3 mark4
maths -40      datastructure 75
physics -50    digital 50
biology-70     python 40
student@t2:~/keerthi$ paste mark3 mark4 > mark5
student@t2:~/keerthi$ cat mark5
maths -40      datastructure 75
physics -50    digital 50
biology-70     python 40
```

```
student@t2:~/keerthi$ paste -d '%' mark3 mark4
maths -40%datastructure 75
physics -50%digital 50
biology-70%python 40
student@t2:~/keerthi$ paste -s mark1
maths datastructure digital python
```

```
student@t2:~/keerthi$ cp mark3 mark5
student@t2:~/keerthi$ cat mark5
maths -40
physics -50
biology-70
student@t2:~/keerthi$ cp mark3 mark4
student@t2:~/keerthi$ cat mark4
maths -40
physics -50
biology-70
student@t2:~/keerthi$ ls
file7.txt mark1 mark2 mark3 mark4 mark5
student@t2:~/keerthi$ cd ..
student@t2:~$ mkdir newpro
student@t2:~$ cp -r keerthi newpro
student@t2:~$ ls
Desktop  Downloads  file3.txt  file4.txt  file6.txt  keerthi  newpro  Pictures  PycharmProjects  Templates
Documents  file1.txt  file4.txt  file5.txt  file.txt  Music  output.txt  Public  snap  Videos
```

Result

The program was executed and the result was successfully obtained. Thus CO1 was obtained.

