Experiment:6

1. $grep -i [word][filename]

Used to filter the content which makes our search easier(Case insensitive)

$ grep -i Hindi mark

```
student@t2:~/Jenny$ cat > mark
English 99
Maths 56
Hindi 78
Malayalam 89
```

```
student@t2:~/Jenny$ grep -i Hindi mark
Hindi 78
```

a) $grep -v[word][filename]

To view all the contents expect the searched one

$grep -v Hindi mark

```
student@t2:~/Jenny$ grep -v Hindi mark
English 99
Maths 56
Malayalam 89
```

b) $grep -A1[word][filename]

To view the content along with one line before that

$grep -A1 Hindi mark

```
student@t2:~/Jenny$ grep -A1 Hindi mark
Hindi 78
Malayalam 89
```

c) $grep -B1[word][filename]

To view the content along with one line before that.

$grep -B1 Hindi mark

```
student@t2:~/Jenny$ grep -B1 Hindi mark
Maths 56
Hindi 78
```

d) $grep -C1[word][filename]

To view the content along with one line after and before.

$grep -C1 Hindi mark

```
student@t2:~/Jenny$ grep -C1 Hindi mark
Maths 56
Hindi 78
Malayalam 89
```

2. $ head [filename]

To display the top lines of the file. By default it will display top 10 lines

$ head txt

a) $ head -5[filename]

Display top 5 lines

$head -5 txt

```
student@t2:~/Jenny$ head txt
1
2
3
4
5
6
7
8
9
11
student@t2:~/Jenny$ head -5 txt
1
2
3
4
5
```

3. $tail [filename]

To display the last contents of the file, by default it will display the last 10 lines.

$tail txt

a) $tail -5[filename]

To display the last five contents of the file.

$tail -5 txt

```
student@t2:~/Jenny$ tail txt
9
11
22
33
44
55
66
77
88
99
student@t2:~/Jenny$ tail -5 txt
55
66
77
88
99
```

4. $mv [filename][filename]

To move one file content to another file(contents will be overwritten).

a) $mv -b mark Bio : Backups file

```
student@t2:~/Jenny$ cat >Bio
Jenny John
RMCA
^Z
[4]+  Stopped                    cat > Bio
student@t2:~/Jenny$ mv -b mark Bio
student@t2:~/Jenny$ ls
Bio  Bio~  marks
student@t2:~/Jenny$ cat Bio~
Jenny John
RMCA
```

b) $mv -i [filename][filename]

prompt user for confirmation

$mv -i Bio Bio1

```
student@t2:~/Jenny$ cat >Bio1
AmalJyothi
^Z
[5]+  Stopped                     cat > Bio1
student@t2:~/Jenny$ mv -i Bio Bio1
mv: overwrite 'Bio1'? n
student@t2:~/Jenny$ mv -i Bio Bio1
mv: overwrite 'Bio1'? y
student@t2:~/Jenny$ cat Bio1
1
2
3
4
5
```

Result

The program was executed and the result was successfully obtained. Thus CO2 was obtained.