

## Experiment No. 8

**Aim:** Use simple and advanced filters: **pr**, **head**, **tail**, **cut**, **paste**, **sort**, **uniq**, **te**, **grep**, **sed**, **awk**.

### 1. pr command:

```
sejalpawar@ubuntu:~$ pr -t number.txt
1
2
3
4
5
6
7
8
9
10
11
12
13
sejalpawar@ubuntu:~$
```

### 2. head command:

```
sejalpawar@ubuntu:~/Desktop$ head sejal.txt
oneplus
vivo
oppo
samsung
redmi
iqoo
realme
lava
micromax
apple
sejalpawar@ubuntu:~/Desktop$
```

### 3. tail command:

```
sejalpawar@ubuntu:~/Desktop$ tail sejal.txt
iqoo
realme
lava
micromax
apple
motorola
dell
hp
asus
acersejalpawar@ubuntu:~/Desktop$
```

### 4. cut command:

```
sejalpawar@ubuntu:~/Desktop$ cut -b 1,3,4 sejal.txt
oep
vvo
opo
sms
rdm
ioo
ral
lva
mcr
apl
mto
dll
h
aus
aer
sejalpawar@ubuntu:~/Desktop$
```

## 5. paste command:

```
sejalpawar@ubuntu:~/Desktop$ paste sej1.txt pawar.txt
oneplus nord
vivo      y15
oppo      f17
samsung   s23
redmi     11
iqoo      7
realme    9 pro
lava      pro max
micromax          intel
apple      iphone
motorola          fusion
dell       inspiron
hp         pavilion
asus       tuf
acer       aspire 7
sejalpawar@ubuntu:~/Desktop$
```

## 6. sort command:

```
sejalpawar@ubuntu:~/Desktop$ sort -m sej1.txt pawar.txt
nord
oneplus
vivo
oppo
samsung
redmi
iqoo
realme
lava
micromax
apple
motorola
dell
hp
asus
acer
y15
f17
s23
11
7
9 pro
pro max
intel
iphone
fusion
inspiron
pavilion
tuf
aspire 7
sejalpawar@ubuntu:~/Desktop$
```

### 7. uniq command:

```
sejalpawar@ubuntu:~/Desktop$ uniq -c tp.txt
  4 sejal
  3 pawar
sejalpawar@ubuntu:~/Desktop$
```

### 8. tr command:

```
sejalpawar@ubuntu:~/Desktop$ cat sp.txt
sejal
swarali
shruti
prajakta
megha
sejalpawar@ubuntu:~/Desktop$ cat sp.txt | tr [a-z] [A-Z]
SEJAL
SWARALI
SHRUTI
PRAJAKTA
MEGHA
sejalpawar@ubuntu:~/Desktop$
```

### 9. grep command:

```
sejalpawar@ubuntu:~/Desktop$ grep -c "sejal" tp.txt
4
sejalpawar@ubuntu:~/Desktop$
```

## 10. sed command:

```
sejalpawar@ubuntu:~/Desktop$ sed '=' sp.txt
1
sejal
2
swarali
3
shruti
4
prajakta
5
megha
sejalpawar@ubuntu:~/Desktop$
```

- Removes the line with specified word:

```
sejalpawar@ubuntu:~/Desktop$ cat sp.txt | sed '/shruti/d'
sejal
swarali
prajakta
megha
sejalpawar@ubuntu:~/Desktop$
```

## 11. awk command:

```
sejalpawar@ubuntu:~/Desktop$ awk '{print}' sp.txt
sejal
swarali
shruti
prajakta
megha
sejalpawar@ubuntu:~/Desktop$
```

Practical Performance (4)	Writeup & Oral (4)	Attendance (2)	Total (10)