

Practical 2

stat command

```
[16it50@LINTEL 16it50]$ stat hello
```

```
File: `hello'
```

```
Size: 15           Blocks: 8           IO Block: 4096   regular file
```

```
Device: 802h/2050d Inode: 1605928     Links: 1
```

```
Access: (0644/-rw-r--r--)  Uid: ( 6363/ 16it50)   Gid: ( 100/  users)
```

```
Access: 2018-02-17 02:54:43.000000000 +0530
```

```
Modify: 2018-01-06 03:29:13.000000000 +0530
```

```
Change: 2018-01-06 03:29:13.000000000 +0530
```

pr command

```
[16it50@LINTEL 16it50]$ pr list1
```

```
2018-02-17 03:21
```

```
list1
```

```
Page 1
```

```
1      | Kaustubh      | 1997
```

```
2      | Karan         | 1997
```

```
3      | Harsh         | 1999
```

headcommand

```
[16it50@LINTEL 16it50]$ head -n 2 list1
```

1	Kaustubh	1997
2	Karan	1997

tail command

```
[16it50@LINTEL 16it50]$ tail -n 2 list1
```

2	Karan	1997
3	Harsh	1999

cut command

```
[16it50@LINTEL 16it50]$ cut -c 1-20,25-40 list1
```

1	Kaustubh	1997
2	Karan	1997
3	Harsh	1999

```
[16it50@LINTEL 16it50]$ cut -c 1-5,25-40 list1
```

1	K
2	K
3	H

```
[16it50@LINTEL 16it50]$ cut -d "|" -f 2 list1
```

Kaustubh

Karan

Harsh

paste command

```
[16it50@LINTEL 16it50]$ cat list1
```

```
1      | Kaustubh      | 1997
2      | Karan           | 1997
3      | Harsh           | 1999
```

```
[16it50@LINTEL 16it50]$ cat file2
```

```
20     | Vadodara
20     | Vadodara
18     | Vadodara
```

```
[16it50@LINTEL 16it50]$ paste list1 file2
```

```
1      | Kaustubh      | 1997  20     | Vadodara
2      | Karan          | 1997  20     | Vadodara
3      | Harsh          | 1999  18     | Vadodara
```

sort command

```
[16it50@LINTEL 16it50]$ cat file2
```

```
20     | Vadodara
20     | Vadodara
18     | Vadodara
```

```
[16it50@LINTEL 16it50]$ sort file2
```

```
18     | Vadodara
20     | Vadodara
20     | Vadodara
```

```
[16it50@LINTEL 16it50]$ cat list1
```

```
1      | Kaustubh      | 1997
```

```
2      | Karan            | 1997
```

```
3      | Harsh            | 1999
```

```
[16it50@LINTEL 16it50]$ sort -t "|" -k 2 list1
```

```
3      | Harsh            | 1999
```

```
2      | Karan            | 1997
```

```
1      | Kaustubh         | 1997
```

```
[16it50@LINTEL 16it50]$ cat file3
```

```
63
```

```
50
```

```
96
```

```
11
```

```
40
```

```
79
```

```
[16it50@LINTEL 16it50]$ sort -n file3
```

```
11
```

```
40
```

```
50
```

```
63
```

```
79
```

```
96
```

uniq command

```
[16it50@LINTEL 16it50]$ cat file2
```

```
20      | Vadodara
```

```
20      | Vadodara
```

```
18      | Vadodara
```

```
[16it50@LINTEL 16it50]$ cut -d "|" -f 1 file2 | sort | uniq -u
```

```
18
```

```
[16it50@LINTEL 16it50]$ cat file2
```

```
20      | Vadodara
```

```
20      | Vadodara
```

```
18      | Vadodara
```

```
[16it50@LINTEL 16it50]$ cut -d "|" -f 1 file2 | sort | uniq -c
```

```
1 18
```

```
2 20
```

```
[16it50@LINTEL 16it50]$ cat file2
```

```
20      | Vadodara
```

```
20      | Vadodara
```

```
18      | Vadodara
```

```
[16it50@LINTEL 16it50]$ cut -d "|" -f 1 file2 | sort | uniq -d
```

```
20
```

grep command

```
[16it50@LINTEL 16it50]$ cat list1
```

```
1      | Kaustubh      | 1997
```

```
2      | Karan           | 1997
```

```
3      | Harsh           | 1999
```

```
[16it50@LINTEL 16it50]$ grep "Karan" list1
```

```
2      | Karan           | 1997
```