**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

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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