

Assignment No. 8

Aim: - To learn the use of 'awk' command

Q1) Display full list

Ans: -

```
└──(sirius@Sirus)-[~/UNIX]
└─$ awk '{print}' studentmarks.lst
1 Ishan 97 36 47 55 86 321 64.2
2 Ruchita 69 86 51 53 85 344 68.8
3 Bharat 77 68 98 93 89 425 85
4 Isha 76 89 99 65 97 426 85.2
5 Chintu 55 31 56 99 93 334 66.8
6 Neeti 84 57 68 89 86 384 76.8
7 Chanchal 76 87 57 96 69 385 77
8 Preeti 87 48 67 25 91 318 63.6
9 Pranav 74 87 65 98 84 408 81.6
10 Manas 89 78 98 48 78 391 78.2
```

Q2) Display Roll No, Name and Total**Ans: -**

```
└──(sirius@Sirus)-[~/UNIX]
```

```
└─$ awk '{print $1 "\t" $2 "\t" $8}' studentmarks.lst
```

```
1    Ishan      321
```

```
2    Ruchita344
```

```
3    Bharat 425
```

```
4    Isha  426
```

```
5    Chintu 334
```

```
6    Neeti  384
```

```
7    Chanchal 385
```

```
8    Preeti 318
```

```
9    Pranav 408
```

```
10   Manas  391
```

```
11   Homir   291
```

Q3) Display details of students having first class(> 59)**Ans: -**

```
└──(sirus@Sirus)-[~/UNIX]
└─$ awk '$9>59' studentmarks.lst
1 Ishan 97 36 47 55 86 321 64.2
2 Ruchita 69 86 51 53 85 344 68.8
3 Bharat 77 68 98 93 89 425 85
4 Isha 76 89 99 65 97 426 85.2
5 Chintu 55 31 56 99 93 334 66.8
6 Neeti 84 57 68 89 86 384 76.8
7 Chanchal 76 87 57 96 69 385 77
8 Preeti 87 48 67 25 91 318 63.6
9 Pranav 74 87 65 98 84 408 81.6
10 Manas 89 78 98 48 78 391 78.2
```

Q4) Display details of students who have failed in any subject(< 40)**Ans: -**

```
└──(sirus@Sirus)-[~/UNIX]
└─$ awk '$3<40||$4<40||$5<40||$6<40||$7<40' studentmarks.lst
1 Ishan 97 36 47 55 86 321 64.2
5 Chintu 55 31 56 99 93 334 66.8
8 Preeti 87 48 67 25 91 318 63.6
11 Homir 47 68 78 59 39 291 58.2
```