Assignment No. 8

Aim: - To learn the use of ‘awk’ command

# Q1) Display full list Ans: -

┌──(sirus@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: -

┌──(sirus@Sirus)-[~/UNIX]

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

1. Ishan 321
2. Ruchita 344
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