

System Management

LAB – 6

AWK

Objective – AIM of this assignment to learn text processing with AWK programing with different commands.

Consider the following data:

1.You are given the marks of students taking a course named ABC.

Name Gender Mid1 (25%) Mid2 (25%) Endsem (50%)

AA	M	20	15	35
BB	F	22	17	44
CC	F	19	14	25
DD	M	15	20	42
EE	F	18	22	30
FF	M	0	20	45

The above data is stored in marks.txt

(a)Solve these queries.

- (1) Display just the names, genders and endsem marks of: (a) all students (b) the first 3 students only (c) the last student
- (2) Compute the total mark for each student and display it along with their names.
- (3) Who is the topper? Which students scored above the class average?
- (4) Find avg. marks of mid exams.
- (5) Find Avg. marks of end exam.

(b)Consider the data ZOMATO (uploaded in backpack) restaurant data and perform following tasks.

- (1)To find the total number of votes in votes column
- (2)Print record of “European, Asian, Indian”. cuisines
- (3)print only the records containing rating ‘dark green’.
- (4) Find type of unique colours in “rating colours column”.
- (5)print the lines which contain the rating ‘excellent’

NO NEED to attach any kind of screen shots for Linux commands. (i) All students please read Command details which attached with lab 3 4 notes pdf and shell ppt. (ii) Submit ion format will be same as previous assignments use “LAB-4 Assignment” in place of LAB 1 or 2,3,4 with your roll no.

