Ex. No. : 4a **Date : 14.02.2025**

Register No. : 230701385 **Name : VISHWAK S**

AWK Script - Employee Average Pay

Aim:

To find out the average pay of all employees whose salary is more than 6000 and no. of days worked is more than 4.

Algorithm:

1. Create a flat file emp.dat for employees with their name, salary per d and number of days worked and save it.

2. Create an awk script emp.awk

3. For each employee record do

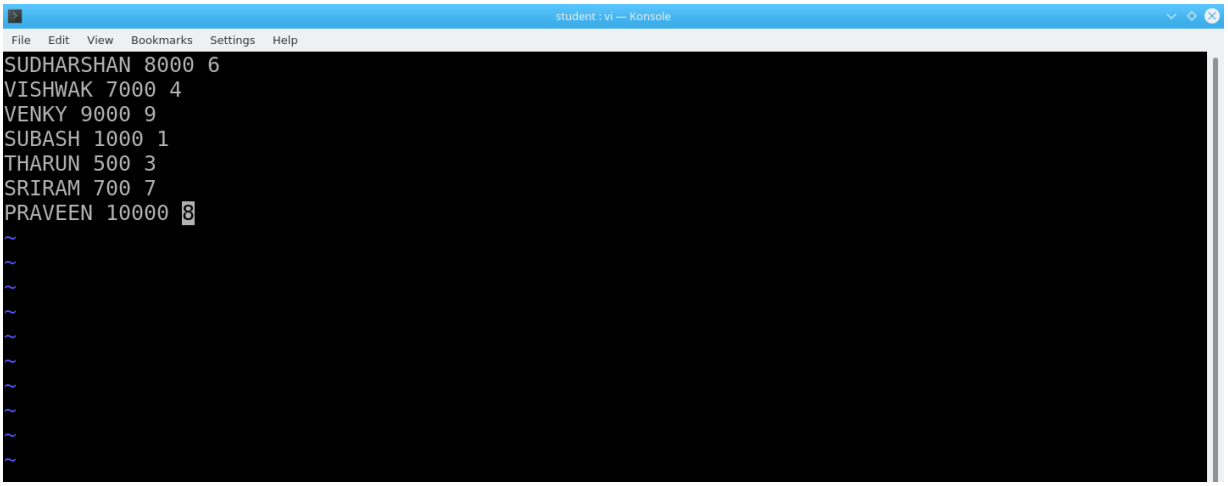
   a. If Salary is greater than 6000 and number of days worked is more than 4, then print name and salary earned

   b. Compute total pay of employee

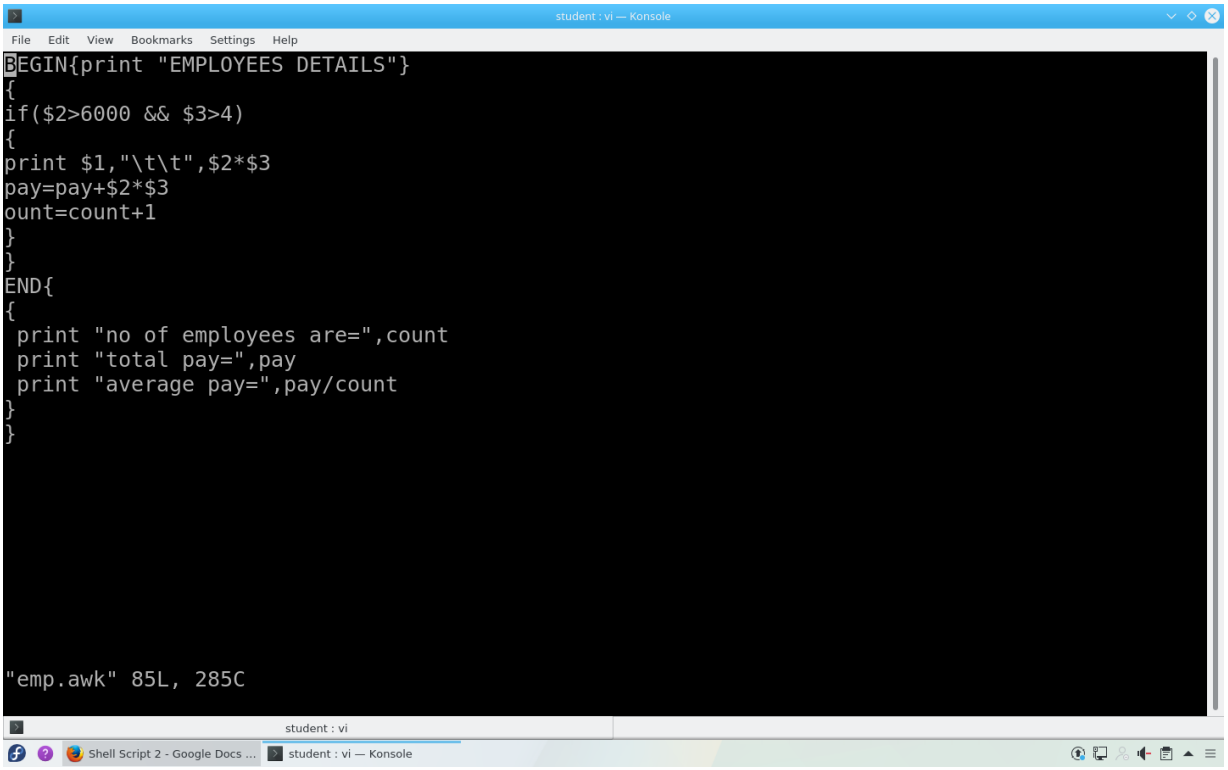
4. Print the total number of employees satisfying the criteria and their average pay.

Program:

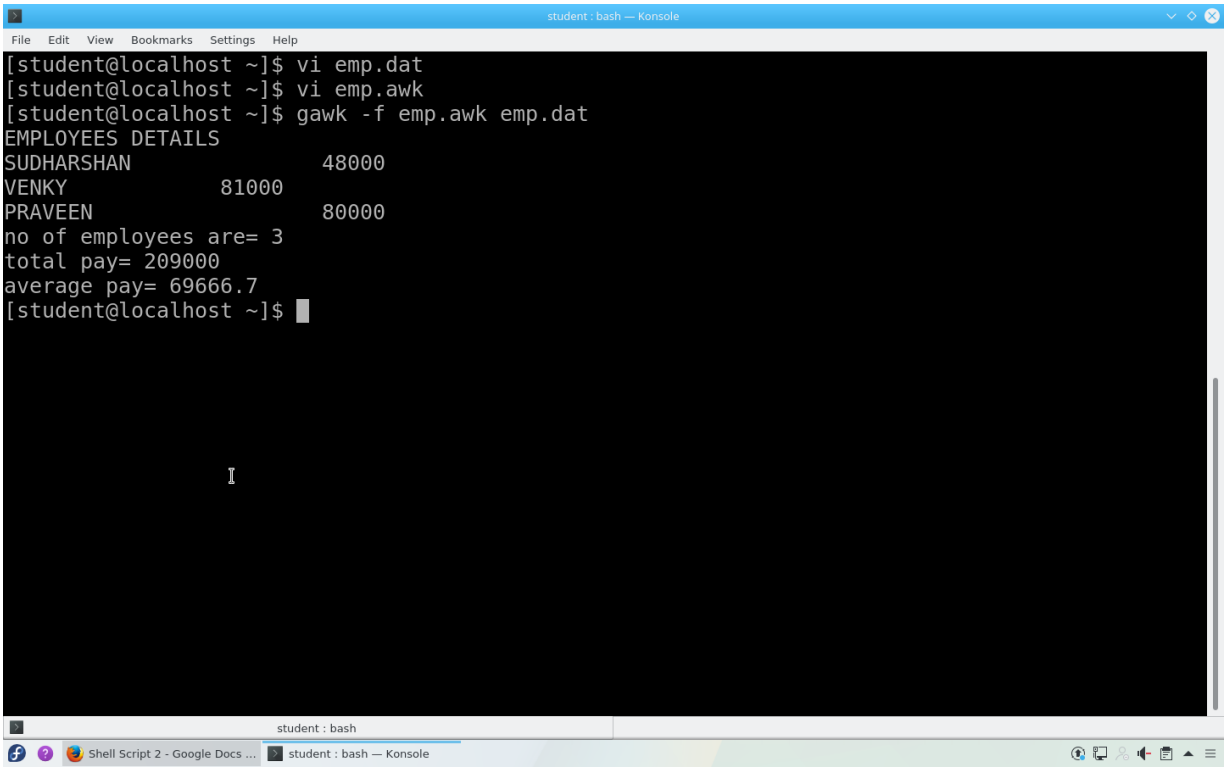
emp.dat



emp.awk



Output:



Result:

Hence the AWK script to find out the average pay of all employees whose salary is more than 6000 and no. of days worked is more than 4 has been executed successfully.

Ex. No. : 4b **Date : 14.02.2025**

Register No. : 230701385 **Name : VISHWAK S**

AWK Script - Result of Examination

Aim:

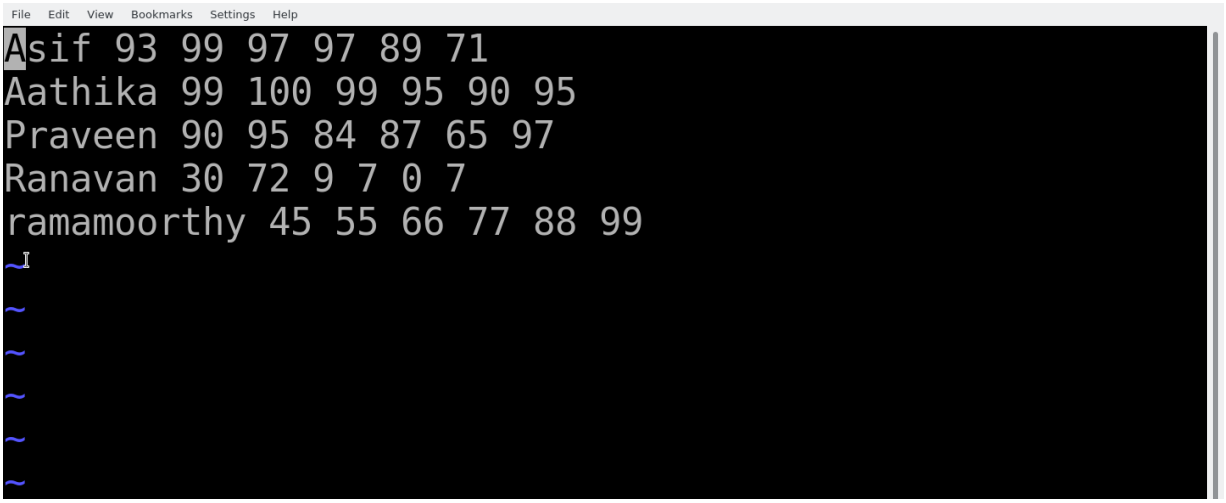
To print the pass/fail status of a student in a class.

Algorithm:

1. Read the data from file
2. Get a data from each column
3. Compare the all subject marks column
    a. If marks less than 45 then print Fail
    b. else print Pass

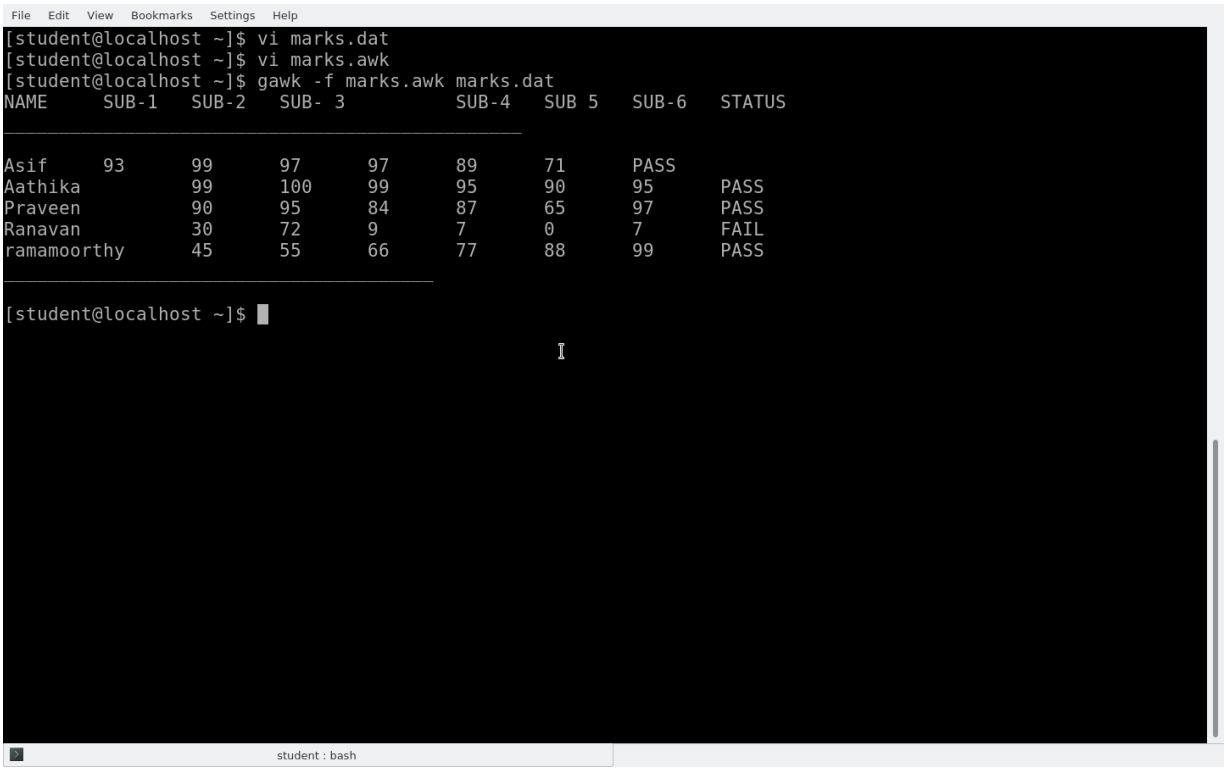
Program:

marks.dat



marks.awk

Output:



Result:

Hence the AWK Script to print the pass/fail status of a student in a class has been executed successfully.