Ex. No.: 4a)

Date: 12/2/25

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 day 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 Code:

```
BEGIN{
  Print "EMPLOYEES DETAILS"
}
{
  if($2 >6000 && $3 >4){
      print $1, "\t\t", $2* $3
      Pay =Pay + $2*$3
      Count = Count +1
  }
}
END{
   {
      Print "no of employees are =", Count
      Print "total pay = ", pay
      print "average pay =", pay/Count
   }
}
```

emp.dat

Jake	7000	9
Jerry	7500	3
Any	6500	6
Rose	5500	5
Charles	9000	7
scully	3000	3
Noor	2500	3

OUTPUT :

Employee Detail :

Jake	63000
Any	39000
Charles	63000

No of employees are = 3

Total pay = 165000

average pay = 55000

Sample Input:

//emp.dat – Col1 is name, Col2 is Salary Per Day and Col3 is //no. of days worked

JOE 8000 5
RAM 6000 5
TIM 5000 6
BEN 7000 7
AMY 6500 6

Output:
Run the program using the below commands

[student@localhost ~]$ vi emp.dat
[student@localhost ~]$ vi emp.awk
[student@localhost ~]$ gawk -f emp.awk emp.dat.

EMPLOYEES DETAILS
JOE 40000
BEN 49000
AMY 39000
no of employees are= 3
total pay= 128000
average pay= 42666.7
[student@localhost ~]$

~~JOE 40000~~
~~RAM 8000~~

Result:

A program is executed using AWK script to find the average pay of employees.