

Ex. No.: 3 a

Date: 5.3.24

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:

Alice 7000 5

Bob 8000 3

Charlie 6500 6

David 5500 7

Eve 7500 4

Frank 6200 5

{

if ($\$2 > 6000 \& \$3 > 4$)

{

print $\$1, \$2, \$3$

total Pay += $\$2 * \3

count++

}

}

END {

 if (count > 0)

{

 avg pay = total pay / count

 print "Total Employees : " count

 print "Average Pay : " avg pay

}

 else

 { print "Criteria not satisfied"

}

}

Output:

Employee details

JOE	40000
BEN	49000
AMY	39000

no. of employees are = 2.66667

total pay = 128000

average pay = 42666.7

Result: The above commands are
executed successfully

Q
16|3|24
10
10