

AWK Exercises

Problem 1

Consider the following file “emp.txt” fields are separated by tabs

Beth	11.00	0
Dan	10.75	0
Kathy	15.00	10
Mark	23.5	22
Mary	17.75	24
Susie	22.5	40

Write a program that processes the above file and display the output as follows

name -> hourly rate -> hours -> pay (where -> is a tab)

Followed by a list of all employees, hourly rate, number of hours and total pay

After the list, the following information is displayed

X employees (where X is the number of employees in the file)

Total pay is Y (the total paid money)

Average pay is Z (average pay per employees)

Problem 2

The file countries.txt contains a list of countries, area in thousands of square miles, population in millions and content.

Write an awk program to display the same information as above with added field persons/square mile.

A header with the COUNTRY, AREA, POP< and CONTENENT

after the table, a line stating

Total Y Z (where Y is total area in thousnads of miles and Z is the population in millions