Practice Problem 2

Created by Hanying(Adele) Liu

1 Write a program to calculate the daily,weekly and monthly payment based on the  
given hours, rate per hour payment.  
(assume he has to work 5 day a week and 22 day a month)  
Hour per day:6  
Rate:22.5  
Pay ?

2 There are five number, 95, 830, 225, 490, 991  
Print the mean, sum and variance of these five number.  
(Hint: The formula for variance: The average of the squared differences from the Mean.)

1. Write a program to calculate the perimeter and the area of the regtangular.  
   The program should start with asking the users input of length and width of the regtangular.  
   (Hint:To ask for a user's input for length, you could use the function:  
   length=input("Enter the length of the regtangular: ")  
   This line asks for user to input the length and store it in the length variable.

4 Adele is taking the Python Class. Please write a program to calculate the weighted grade as the final grade for her.  
The weights for the student final grades are:  
Class participation: w\_class\_par=0.10  
Problem Sets: w\_ps=0.15  
Mid-term Exam: w\_mid-term=0.25