Instructions

- ➔ Please write all the programs on a document file and upload it for evaluation.
- ➔ Please do not write any type of source code in the description box.
- ➔ The system will automatically check your submission against the predefined plagiarism detection criteria. Plagiarised answers will cause you to fail the assignment.
- ➔ You can submit your assignment in the form of a doc, text, or pdf file.
- ➔ Corrupted files will cause you to fail the assignment.
- ➔ Please ensure that you have written your name and email address on the answer document you have submitted.

Challenging Task-Peer Assessment 1

Profit calculation Using "Operators"

Mr. Rama buys a 2BHK luxury apartment in Bhopal for the cost of Rs.A and he has gone for interior decorations with Rs.B cost. Luckily in his territory the government has announced a Special Economic Zone (SEZ). The demand for the flats in that area was boosted by the white collar & golden collar professionals. If he sells the flat for Rs.Z, what is his profit in percentage? Write a Python program to compute the profit in percentage?

Input format : Three integers separated by space. Output format : The profit is:

Sample Input: Enter cost, interior decoration, selling price: 1000000 10000 5000000

Sample Output: The profit is: 395.05

Challenging Task-Peer Assessment 2

Mr. Ashok Goel has spent 'n' units of effort in preparing for UPSC examination in a year. Can you calculate using a Python program how many hours, minutes and seconds he has spent on attaining success.

Input format : One integer

Output format :
Hours:
Minutes:
Seconds:

Sample Input: 45678

Sample Output:
Hours: 12
Minutes: 41
Seconds: 18

Challenging Task-Peer Assessment 3

A car has travelled D kilometers in T hours of time. What is the speed of the car in km/hr? Write a python program to demonstrate.

Input format: Enter integers for distance and time

Output format: The speed of the car in Km/hr is:

Sample Input:
56
4

Sample Output:
14.0

Challenging Task-Peer Assessment 4

The hypotenuse is the longest side of a right angled triangle. Using Pythagoras's theorem, calculate the third side and also the area of the right triangle.

Input format: Enter two integers for width and height

Output format: The third of the triangle is:
Area of the right angled triangle is:

Sample Input:
Enter width: 7
Enter height: 8

Sample Output:
The third of the triangle is:10.63
Area of the right angled triangle is:28.0