Assignment-1

Write Python programs for following problems

1. In a town, the percentage of men is 52. The percentage of total literacy is 48. If total percentage of literate men is 35 of the total population, write an algorithm to find the total number of illiterate men and women if the population of the town is 80,000.

2. If the total selling price of 15 items and the total profit earned on them is input through the keyboard, write a program to find the cost price of one item.

3. If the lengths of the sides of a triangle are denoted by **a**, **b**, and **c**, then area of triangle is given by

$$area = \sqrt{S(S - a)(S - b)(S - c)}$$

   where, S = (a + b + c) / 2

   Write an algorithm to compute area of triangle

4. Write an algorithm to compute the distance between two points.

5. Enter distance into kilometre and convert it into meter and centimetre.

6. Enter time into hour and convert it into minutes and second

7. Enter marks of 5 subjects and find the total marks and percentage.