Assignment of Subjective questions

1. Write a C program to input a number and find square root of the given number.

Example

Input

Enter any number: 9

Output

Square root of 9 = 3

2. Write a C Program to input two angles from user and find third angle of the triangle.

Example

Input

Enter first angle: 60

Enter second angle: 80

Output

Third angle = 40

3. Write a C program to input base and height of a triangle and find area of the given triangle.

Example

Input

Enter base of the triangle: 10

Enter height of the triangle: 15

Output

Area of the triangle = 75 sq. units

4. Write a C program to input side of an equilateral triangle from user and find area of the given triangle.

Example

Input

Enter side of the equilateral triangle: 10

Output

Area of equilateral triangle = 43.3 sq. units

5. Write a C program to input marks of five subjects of a student and calculate total, average and percentage of all subjects.

Example

Input

Enter marks of five subjects: 95 76 85 90 89

Output

Total = 435

Average = 87

Percentage = 87.00

6. Write a C program to input principle, time and rate (P, T, R) from user and find Simple Interest.

Example

Input

Enter principle: 1200

Enter time: 2

Enter rate: 5.4

Output

Simple Interest = 129.600006

7. Write a C program to input principle (amount), time and rate (P, T, R) and find Compound Interest.

Example

Input

Enter principle (amount): 1200

Enter time: 2

Enter rate: 5.4

Output

Compound Interest = 1333.099243