

Assignment 1: Introduction to Programming

1. Write a program to read the input and print the output as mentioned below.

1.1. Input: 25

Output: 25

1.2. Input: 5.3267

Output: 5.3267

1.3. Input: 5.3267

Output: 5.32

1.4. Input: 5664.57567456

Output: 5664.57

1.5. Input: 35345364

Output: 35345364 * 35345364

1.6. Input & Output: Your name

1.7. Input & Output: S. V. National Institute of Technology, Surat

2. Write a program to compute the area of a circle.

3. Write a program to calculate the simple interest.

4. Write a program that converts Fahrenheit to Celsius.

5. Write a program to solve the following equations. Read the values of a, b, and c from the keyboard when required.

5.1. $a^2 + 2ab + b^2$

5.2. $a^2 - 2ab + b^2$

5.3. $a^3 + b^3 + c^3 - 3abc$