**Assignment-1**

1. Write a Python program to display a welcome message.
2. Write a Python program to print an address using \t for tab spaces and \n for new lines.

**Rajesh Kumar**

**Flat No. 101, Sunshine Apartments**

**MG Road, Sector 15**

**Rajkot,**

**Pincode:360004**

**India.**

1. Write a Python program to perform four basic mathematical operations (addition, subtraction, multiplication, and division) using the values 150 and 120.50.
2. Write a program that calculates the area of a circle given its radius. Use the formula:  
   **Area of circle = 3.14 × radius²**

**Circumference of circle= 2 × π × Radius**

1. Write a program that calculates the simple interest using the formula:  
   **Simple Interest = (P × R × T) / 100**  
   where P = Principal amount, R = Rate of interest, and T = Time (in years).
2. Write a program to calculate the perimeter of a rectangle. The formula is:  
   **Perimeter of rectangle =2 × (length + width)**
3. Write a program that calculates the area and perimeter of a rectangle using the formulas:  
   **Area of rectangle = Length × Width**  
   **Perimeter of rectangle = 2 × (Length + Width)**
4. Write a program that calculates perimeter of a triangle. Use the formulas:  
   **Perimeter of tringle = a + b + c**
5. Write a program that calculates the area and perimeter of a square using the formulas:  
   **Area of square = Side × Side**
6. Write a program that calculates perimeter of a square using the formulas:  
   **Perimeter of square = 4 × Side**