Question

Write a Python program that calculates the **area of multiple triangles** using **functions** and **loops**.

1. Create a function `area(base, height)` that takes the base and height of a triangle as arguments and returns its area using the formula:

   Area=21×base×height

2. Create another function `multiple_areas()` that:

   - Asks the user how many triangles they want to calculate.

   - Uses a **for loop** to repeatedly ask the user for the base and height of each triangle.

   - Calls the `area()` function to compute the area.

   - Prints the area for each triangle.

3. Finally, call the `multiple_areas()` function to run the program.

Sample run:

```
How many triangles do you want to calculate? 2
Enter base of triangle 1: 10
Enter height of triangle 1: 5
Area of triangle 1 is: 25.0
Enter base of triangle 2: 6
Enter height of triangle 2: 4
Area of triangle 2 is: 12.0
```