

```
using System;

class Program
{
    static void Main()
    {
        // Prompt the user for the length and width of the rectangle
        Console.Write("Enter the length of the rectangle: ");
        double length = Convert.ToDouble(Console.ReadLine());

        Console.Write("Enter the width of the rectangle: ");
        double width = Convert.ToDouble(Console.ReadLine());

        // Calculate the area
        double area = CalculateArea(length, width);

        // Display the result
        Console.WriteLine($"The area of the rectangle is: {area}");
    }

    static double CalculateArea(double length, double width)
    {
        return length * width;
    }
}
```