S.No: 18	Exp. Name: *Area of a rectangle*	Date:2024-11-06

Aim:

Imagine you're tasked with developing a program to assist a construction project manager. They need a tool to quickly calculate the area of various rectangular sections of land before planning further construction details. Your task is to create a Python program that accurately computes the area of a rectangle based on user-provided dimensions.

Input Format:

The program should prompt the user to input two values:

- "**length:**" - This should be a floating-point number representing the length of the rectangular section of land.
- "**width:**" - This should be a floating-point number representing the width of the rectangular section of land.

Output Format:

- After processing the input, the program should display the calculated area of the rectangular section of land in the format: "**Area:<area>"**

Source Code:

rectangle.py

```
def rectangle_area(length, width):
   area=length*width
   print("Area:",area,sep="")
   #write your code here
length=float(input("length:"))
width=float(input("width:"))
rectangle_area(length,width)
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
length: 15
width: 10
Area:150.0

Test Case - 2
User Output
length: 12.56
width: 5.654
Area:71.01424