

## 1.1.2

AIM: Write a Python program to calculate the area of a rectangle given its length and width.

### ALGORITHM:

Step 1 -> start

Step 2 -> take input of length and width

Step 3 -> calculate area :- |

$$\text{Area} = \text{length} * \text{width}$$

Step 4 -> give output

Step 5 -> stop

### CODE:

The screenshot displays the CodeTANTRA web-based IDE interface. On the left, a panel titled "1.1.2. Area of Rectangle" contains the problem description: "Write a Python program to calculate the area of a rectangle given its length and width." It also lists the formula "Area of Rectangle = Length × Width", the input format (two lines of float values), and the output format (float value formatted to 2 decimal places). Below this is a "Sample Test Cases" section. The main editor area on the right shows a Python script named "areaOfRe..." with the following code:

```
1 length = float(input())
2 width = float(input())
3 area = length*width
4 print(f"{area:.2f}")
```

At the bottom of the IDE, there are tabs for "Terminal" and "Test cases". The top navigation bar includes the CodeTANTRA logo, a home icon, the user's email "tejas.mahurkar.batch2025@sitnagpur.siu.edu.in", and links for "Support" and "Logout".

