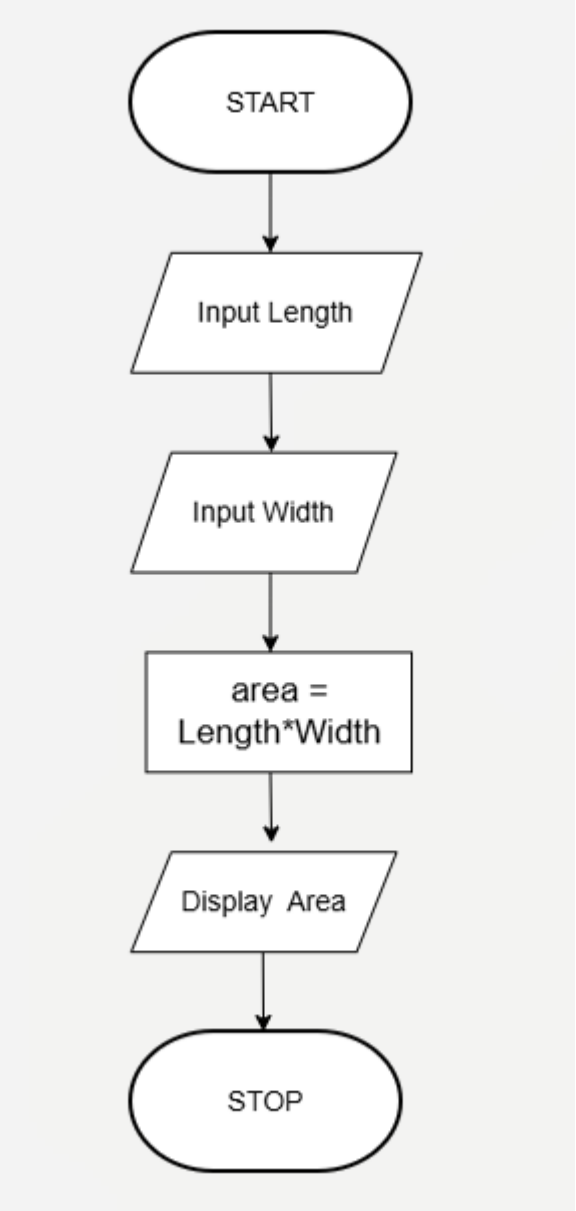
Experiment 1.1.2

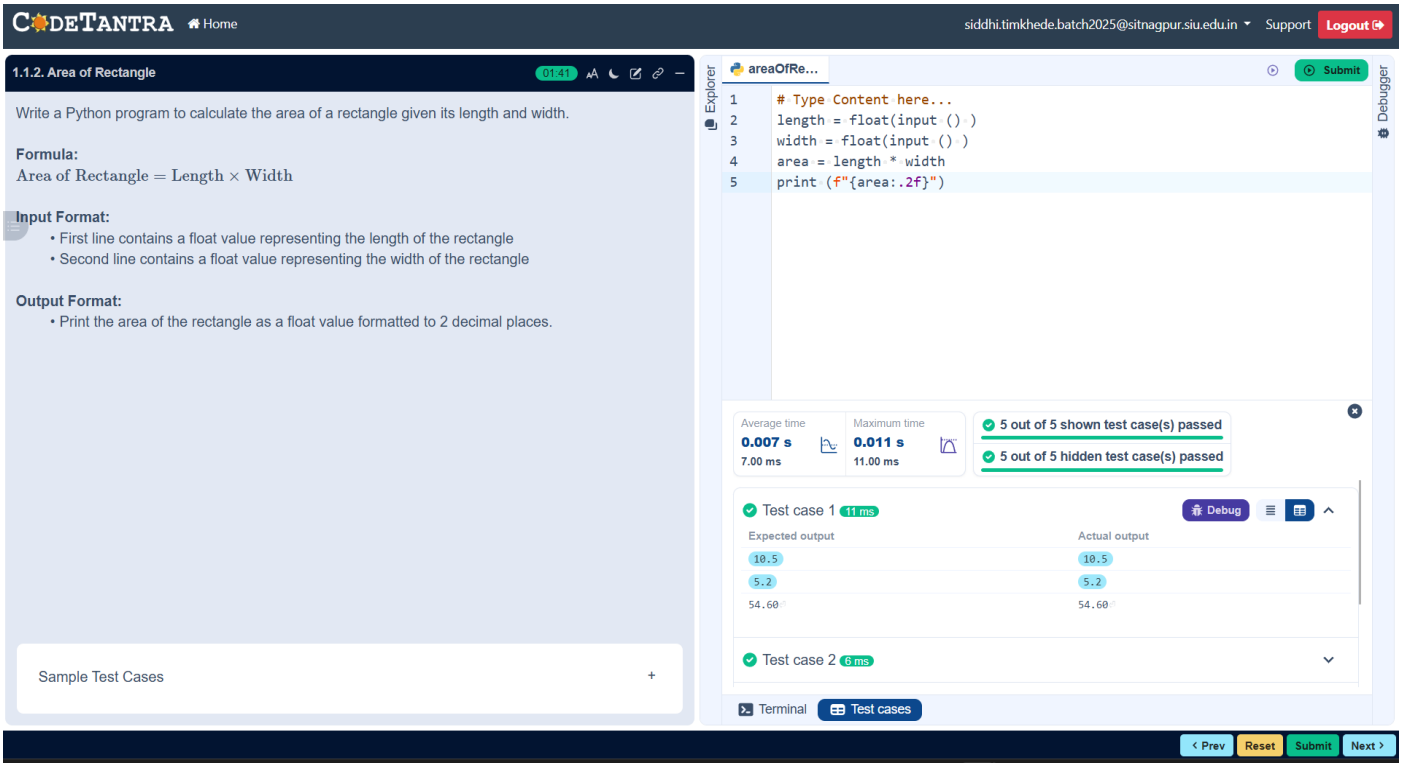
Aim:- Write a Python program to calculate the area of a rectangle given its length and width.

Algorithm:-

Step 1: Start
Step 2: Read the length l
Step 3: Read the width w
Step 4: Calculate the area using
area = l × w
Step 5: Display the area formatted to **2 decimal places**
Step 6: Stop

Flowchart:-


START
Input Length
Input Width
area =
Length*Width
Display Area
STOP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1.1.2. Area of Rectangle
01:41
Write a Python program to calculate the area of a rectangle given its length and width.
Formula:
Area of Rectangle = Length × Width
Input Format:
• First line contains a float value representing the length of the rectangle
• Second line contains a float value representing the width of the rectangle
Output Format:
• Print the area of the rectangle as a float value formatted to 2 decimal places.
Sample Test Cases
Explorer
areaOfRe...
Submit
Debugger
1 # Type Content here...
2 length = float(input())
3 width = float(input())
4 area = length * width
5 print(f"{area:.2f}")
Average time
0.007 s
7.00 ms
Maximum time
0.011 s
11.00 ms
5 out of 5 shown test case(s) passed
5 out of 5 hidden test case(s) passed
Test case 1 11 ms
Debug
Expected output
Actual output
10.5
5.2
54.60
10.5
5.2
54.60
Test case 2 6 ms
Terminal
Test cases
Prev
Reset
Submit
Next