1.1.1 Area of circle

Algorithm

Step 1: Start

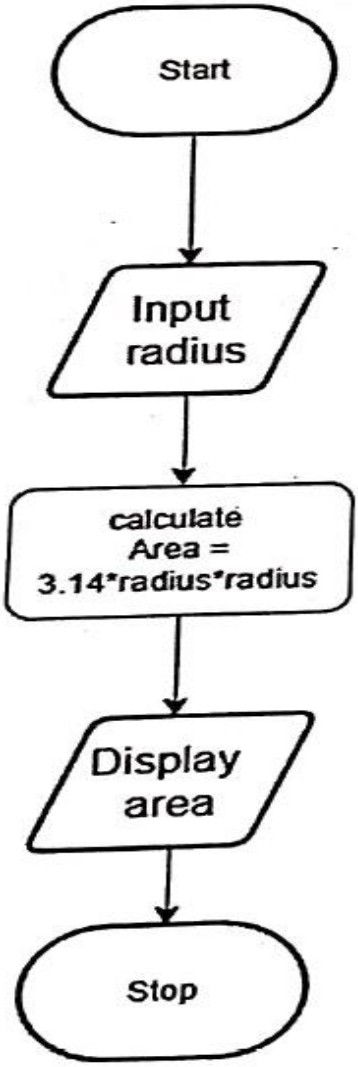
Step 2: Input the value of a (radius)

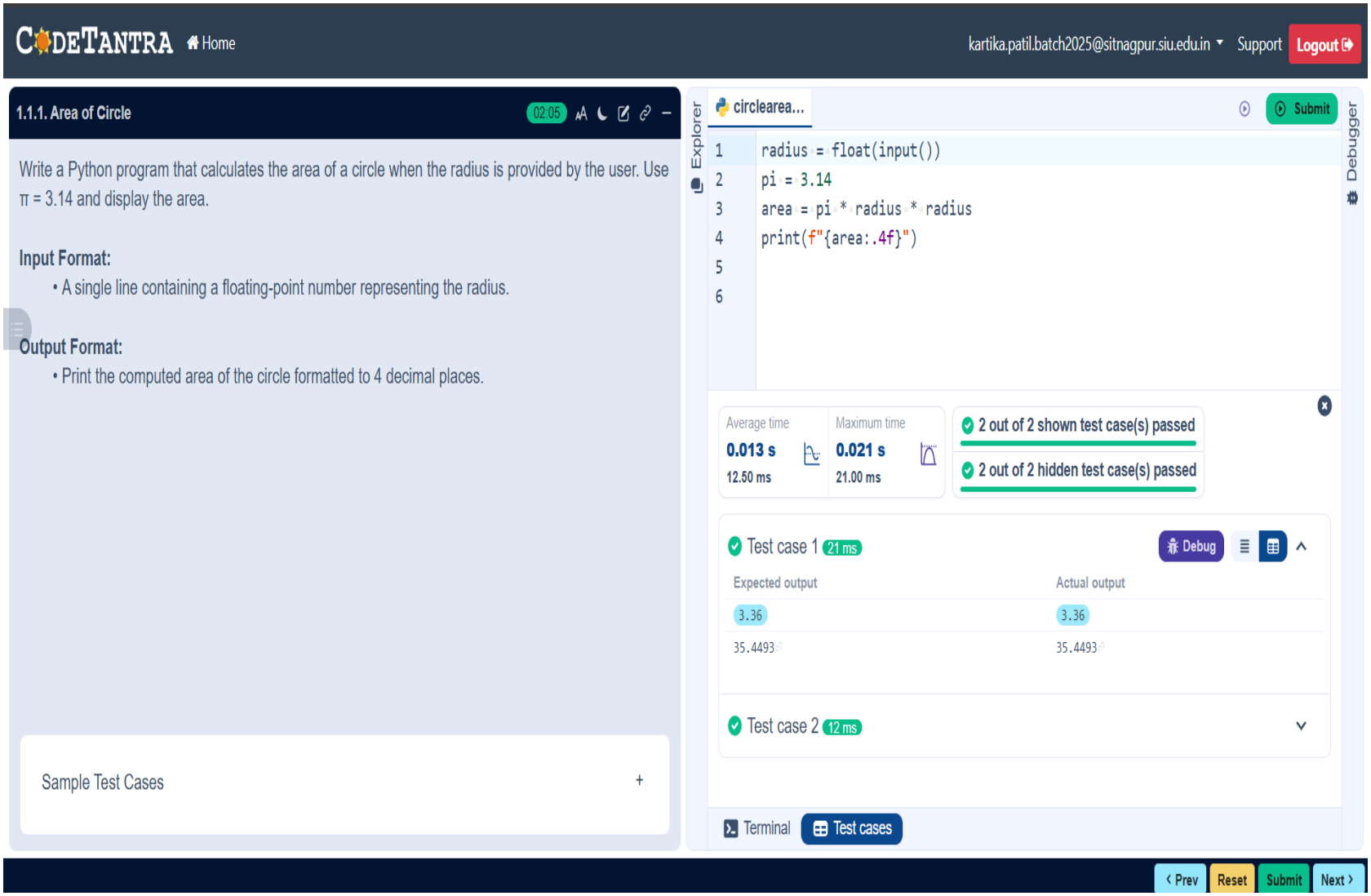
Step 3: Calculate area using the formula

area = a × a × 3.14

Step 4: Display the area up to 4 decimal places

Step 5: Stop

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1.1.1. Area of Circle
02:05
Write a Python program that calculates the area of a circle when the radius is provided by the user. Use π = 3.14 and display the area.
Input Format:
• A single line containing a floating-point number representing the radius.
Output Format:
• Print the computed area of the circle formatted to 4 decimal places.
Sample Test Cases
Explorer
circlearea...
Submit
Debugger
1 radius = float(input())
2 pi = 3.14
3 area = pi * radius * radius
4 print(f"{area:.4f}")
5
6
Average time
0.013 s
12.50 ms
Maximum time
0.021 s
21.00 ms
2 out of 2 shown test case(s) passed
2 out of 2 hidden test case(s) passed
Test case 1 21 ms
Debug
Expected output
Actual output
3.36
3.36
35.4493
35.4493
Test case 2 12 ms
Terminal
Test cases
Prev
Reset
Submit
Next