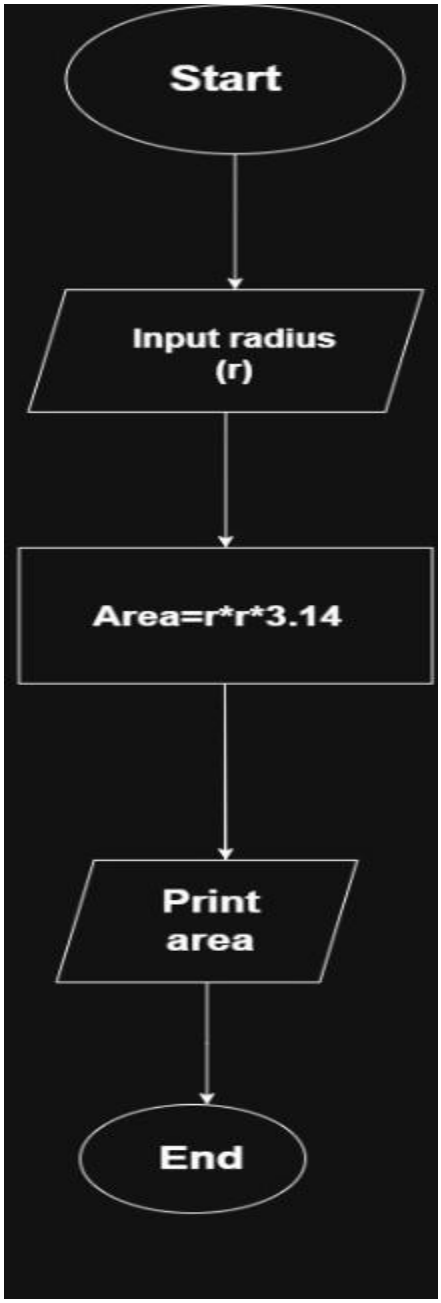
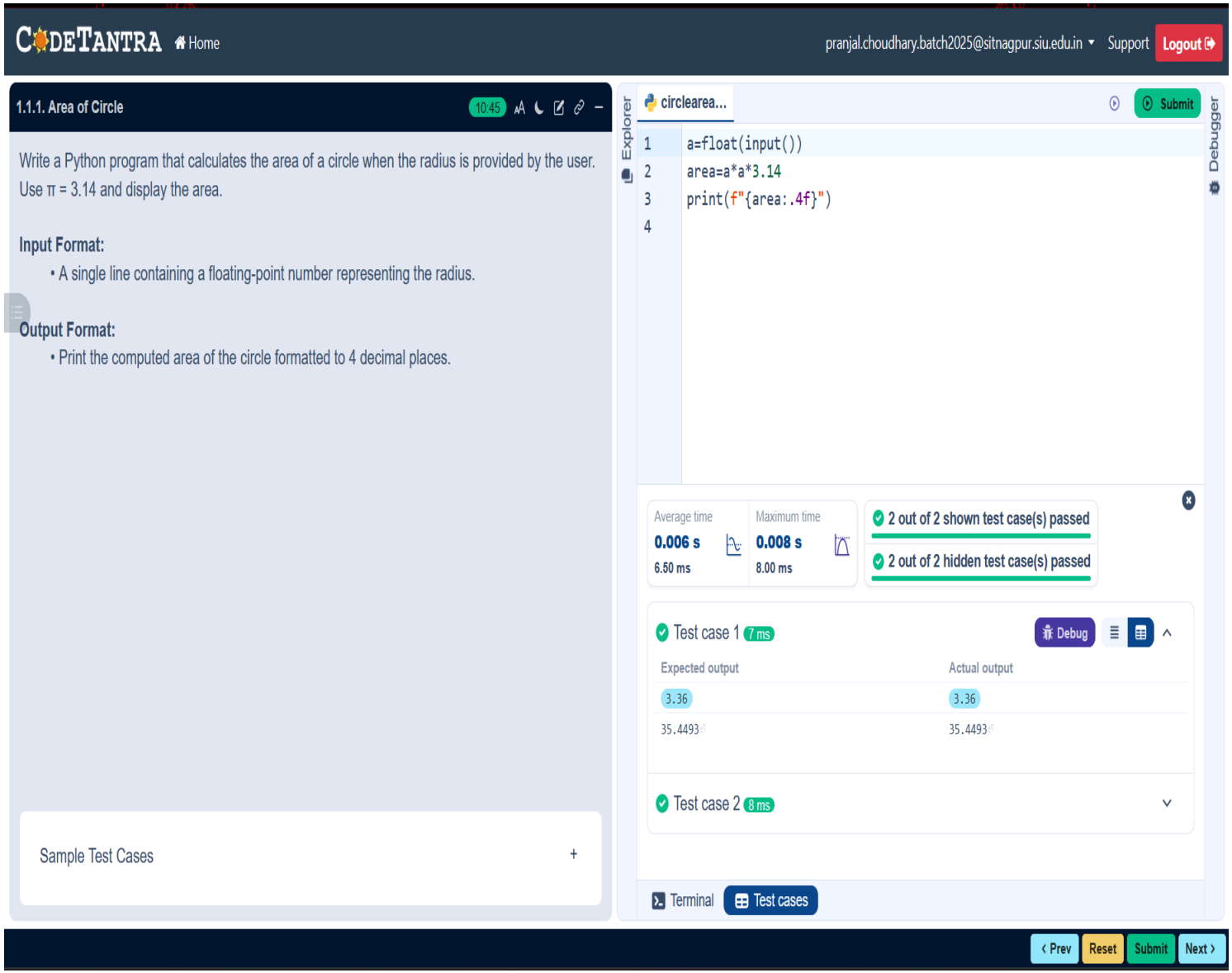
Experiment 1.1 Area of Circle
Algorithm:

```
Step 1: START
Step 2: Define constant π = 3.14
Step 3: INPUT radius (as floating-point number)
Step 4: CALCULATE area = radius × radius × π
Step 5: OUTPUT area formatted to 4 decimal places
Step 6: STOP
```

Flowchart:

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1.1.1. Area of Circle
10:45
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 a=float(input())
2 area=a*a*3.14
3 print(f"{area:.4f}")
4
Average time
0.006 s
6.50 ms
Maximum time
0.008 s
8.00 ms
2 out of 2 shown test case(s) passed
2 out of 2 hidden test case(s) passed
Test case 1 7 ms
Debug
Expected output
Actual output
3.36
3.36
35.4493
35.4493
Test case 2 8 ms
Terminal
Test cases
‹ Prev
Reset
Submit
Next ›

Code: