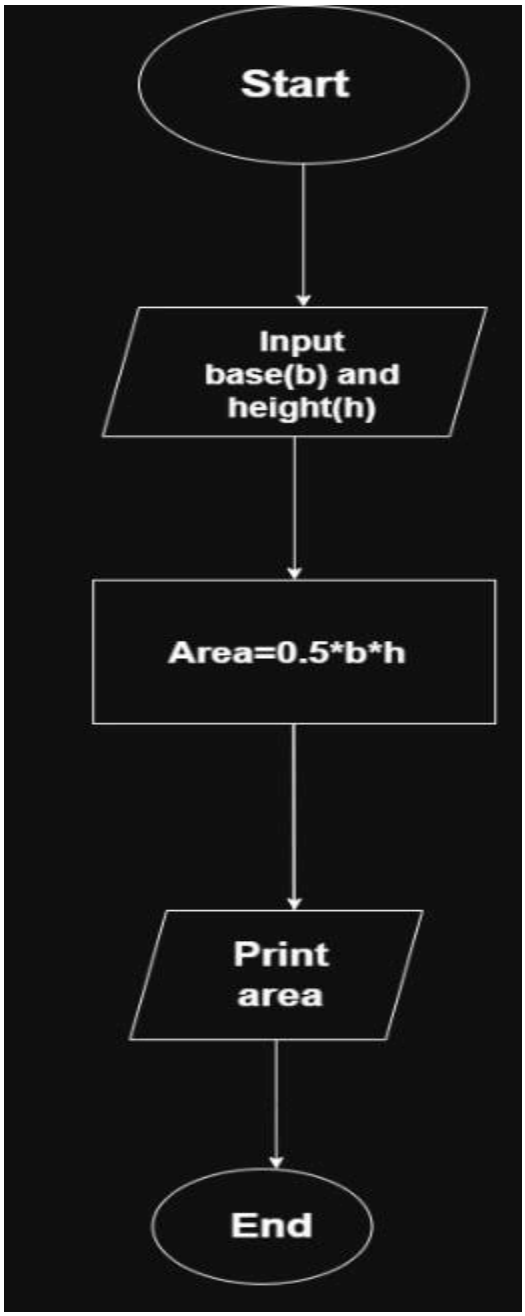
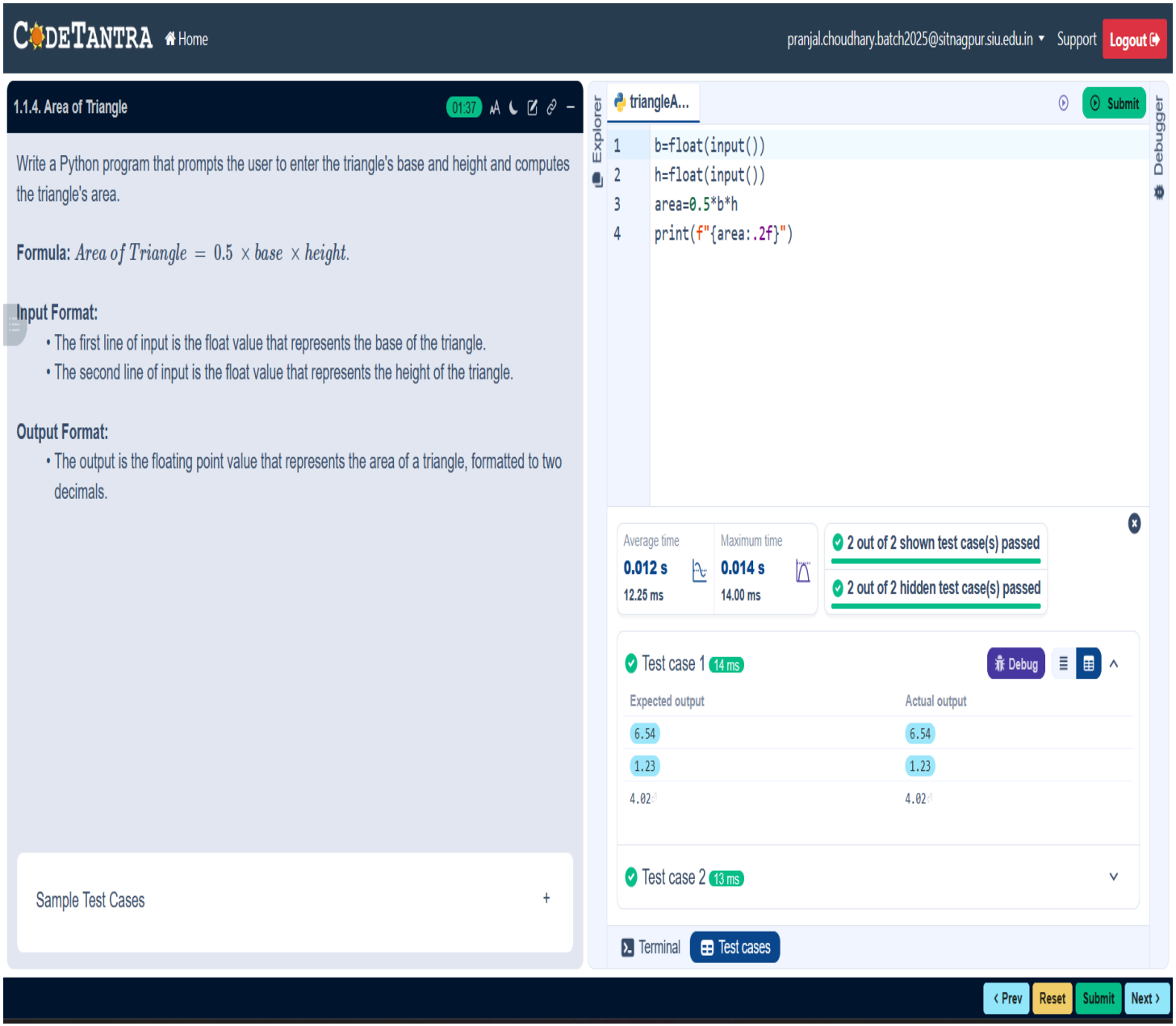
Experiment 1.4: Area of Triangle:
Algorithm:

```
Step 1: START
Step 2: INPUT base (as floating-point number)
Step 3: INPUT height (as floating-point number)
Step 4: CALCULATE area = 0.5 × base × height
Step 5: OUTPUT area formatted to 2 decimal places
Step 6: STOP
```

Flowchart:

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1.1.4. Area of Triangle
01:37
Write a Python program that prompts the user to enter the triangle's base and height and computes the triangle's area.
Formula: Area of Triangle = 0.5 x base x height.
Input Format:
• The first line of input is the float value that represents the base of the triangle.
• The second line of input is the float value that represents the height of the triangle.
Output Format:
• The output is the floating point value that represents the area of a triangle, formatted to two decimals.
Sample Test Cases
Explorer
triangleA...
Submit
Debugger
1 b=float(input())
2 h=float(input())
3 area=0.5*b*h
4 print(f"{area:.2f}")
Average time
0.012 s
12.25 ms
Maximum time
0.014 s
14.00 ms
2 out of 2 shown test case(s) passed
2 out of 2 hidden test case(s) passed
Test case 1 14 ms
Debug
Expected output
Actual output
6.54
6.54
1.23
1.23
4.02
4.02
Test case 2 13 ms
Terminal
Test cases
‹ Prev
Reset
Submit
Next ›

Code: