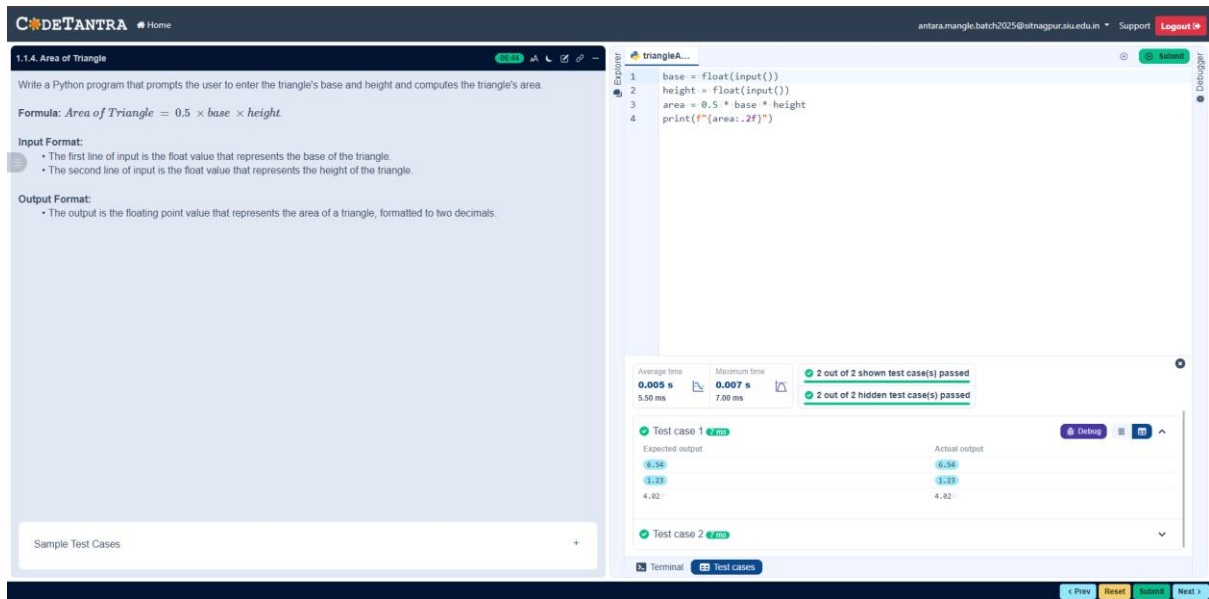


1.1.4



1.1.4. Area of Triangle

Write a Python program that prompts the user to enter the triangle's base and height and computes the triangle's area.

Formula: $Area\ of\ Triangle = 0.5 \times base \times height$.

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.

```
1 base = float(input())
2 height = float(input())
3 area = 0.5 * base * height
4 print(f"{area:.2f}")
```

Test Results:

| Test Case | Expected Output | Actual Output |
|-------------|-----------------|---------------|
| Test case 1 | 6.54 | 6.54 |
| Test case 1 | 1.23 | 1.23 |
| Test case 2 | 4.82 | 4.82 |

2 out of 2 shown test case(s) passed
2 out of 2 hidden test case(s) passed

Algorithm

Step 1: Start

Step 2: Read the base and height

Step 3: Calculate the area: $\frac{1}{2} \times base \times height$

Step 4: Display the Result

Step 5: End

Flowchart

