

## 1.1.4

The screenshot shows the CodeTantra IDE interface. On the left, there's a sidebar with 'Sample Test Cases' and other navigation links. The main workspace has tabs for 'Editor', 'Terminal', and 'Test cases'. The 'Editor' tab contains a code editor with the following Python script:

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

Below the code editor, there's a status bar showing 'Average time: 0.005 s' and 'Maximum time: 0.007 s'. To the right of the code editor, there's a results section with two green checkmarks indicating test case success:

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

The 'Test cases' tab shows two successful test cases:

Test Case	Expected Output	Actual Output
Test case 1	6.54 1.23 4.02	6.54 1.23 4.02
Test case 2		

At the bottom of the interface, there are buttons for 'Prev', 'Reset', 'Submit', and 'Next >'. The status bar at the very bottom also includes 'Logout'.

## Algorithm

Step 1: Start

Step 2: Read the base and height

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

Step 4: Display the Result

Step 5: End

## Flowchart

