

## Algorithm

**Step 1: Start**

**Step 2: Input the value of h (height)**

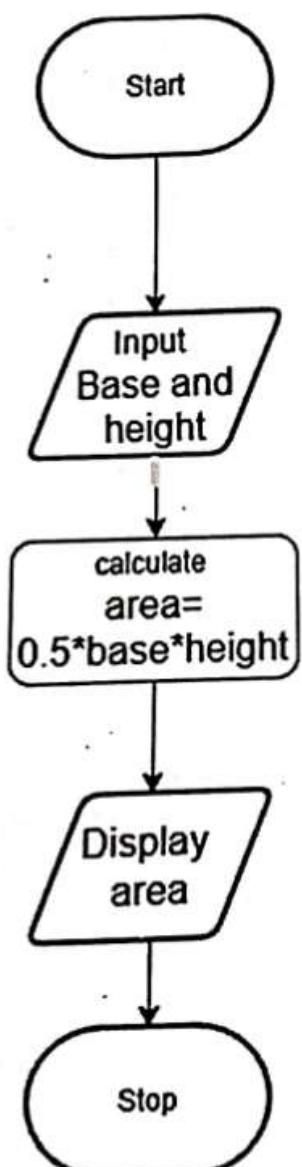
**Step 3: Input the value of b (base)**

**Step 4: Calculate the area using**

$$\text{area} = 0.5 \times h \times b$$

**Step 5: Display the area up to 2 decimal places**

**Step 6: Stop**



**CODETANTRA** Home manaswi.buttle.batch2025@sitnsgpursi.edu.in Support Logout

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:**  $\text{Area of Triangle} = 0.5 \times \text{base} \times \text{height}$ .

**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...

```
1 h=float(input())
2 b=float(input())
3 area=0.5*h*b
4 print(f'{area:.2f}')
```

Average time: 0.004 s Maximum time: 0.007 s  
4.50 ms 7.00 ms 2 out of 2 shown test case(s) passed  
2 out of 2 hidden test case(s) passed

Test case 1 7 ms

Expected output	Actual output
6.54	6.54
1.23	1.23
4.02	4.02

Test case 2 4 ms

Terminal Test cases

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