

Step 1 -> start

Step 2 -> take input of base and height

Step 3 -> calculate area :-

$$\text{Area} = 0.5 * \text{base} * \text{height}$$

Step 4 -> give output

Step 5 -> stop

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#### 1.1.4. Area of Triangle

00:24

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.

##### Sample Test Cases

###### Test case 1

6.54

1.23

4.02

###### Test case 2

10.5

32.0

168.00

triangleA...

```
1 base = float(input())
2 height = float(input())
3
4 area = 0.5 * base * height
5 print(f"area: {area:.2f}")
6
7
```

Submit

Debugger

Average time Maximum time

0.013 s 0.014 s

13.25 ms 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

