

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

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.

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: .2f")
6
7
```

Average time

0.013 s

13.25 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

Expected output

6.54

1.23

4.02

Actual output

6.54

1.23

4.02

Test case 2 13 ms

Terminal

Test cases

