

Code 1.1.4 } Write a Python program that prompts the user to enter the triangle's base and height and computes the triangle's area.

### Algorithm :

Step 1 : start

Step 2 : input of base and height

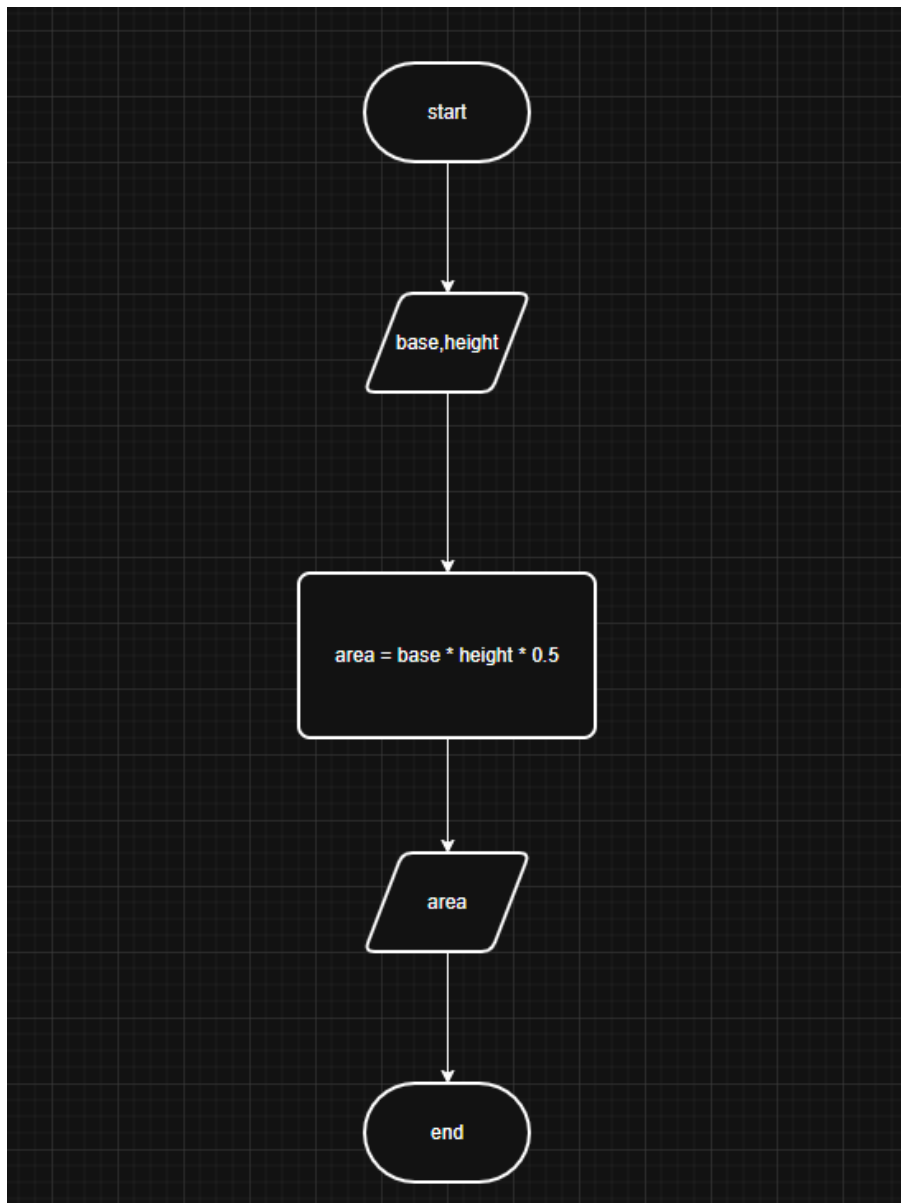
Step 3 : calculating  $\text{area} = 0.5 * \text{base} * \text{height}$

Step 4 : stop

### Code :

```
base = float(input())
height = float(input())
area = 0.5 * base * height
print(f"area:.2f")
```

### Flowchart :



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1.1.4. Area of Triangle

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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.

Sample Test Cases

triangleA...

Submit

1base = float(input())

2height = float(input())

3

4area = 0.5 \* base \* height

5

6print(f"area:.2f")

Average time

0.007 s

7.25 ms

Maximum time

0.009 s

9.00 ms

2 out of 2 shown test case(s) passed

2 out of 2 hidden test case(s) passed

Test case 1

6 ms

Expected output

6.54

1.23

4.02

Actual output

6.54

1.23

4.02

Test case 2

6 ms

Debug

Test cases

Terminal

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