

Algorithm

Step 1: Start

Step 2: Input the value of h (height)

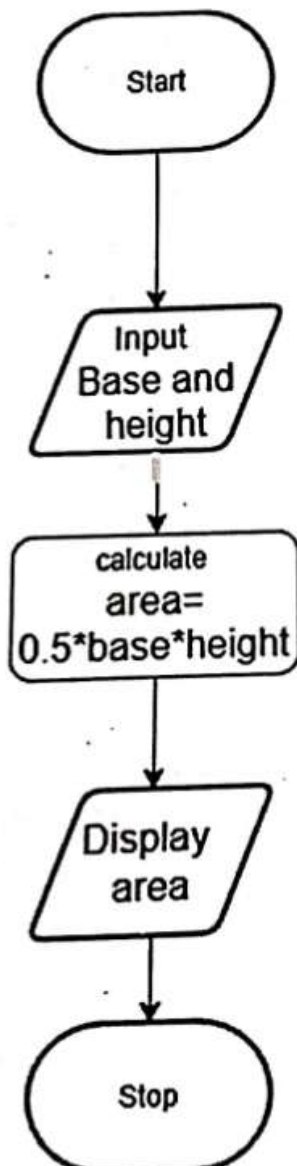
Step 3: Input the value of b (base)

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

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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: $Area\ of\ Triangle = 0.5 \times base \times height$.

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...

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

Average time0.004 s4.50 msMaximum time0.007 s7.00 ms

2 out of 2 shown test case(s) passed2 out of 2 hidden test case(s) passed

Test case 1

Expected output6.581.234.82Actual output6.583.234.82

Test case 2

Terminal

Test cases

< Prev

Reset

Submit

Next >