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EX 1.1.4) Area of Triangle

A) Algorithm :

Step 1. Start

Step 2. Read base (b) and height (h)

Step 3. Compute area = $0.5 \times a \times b$

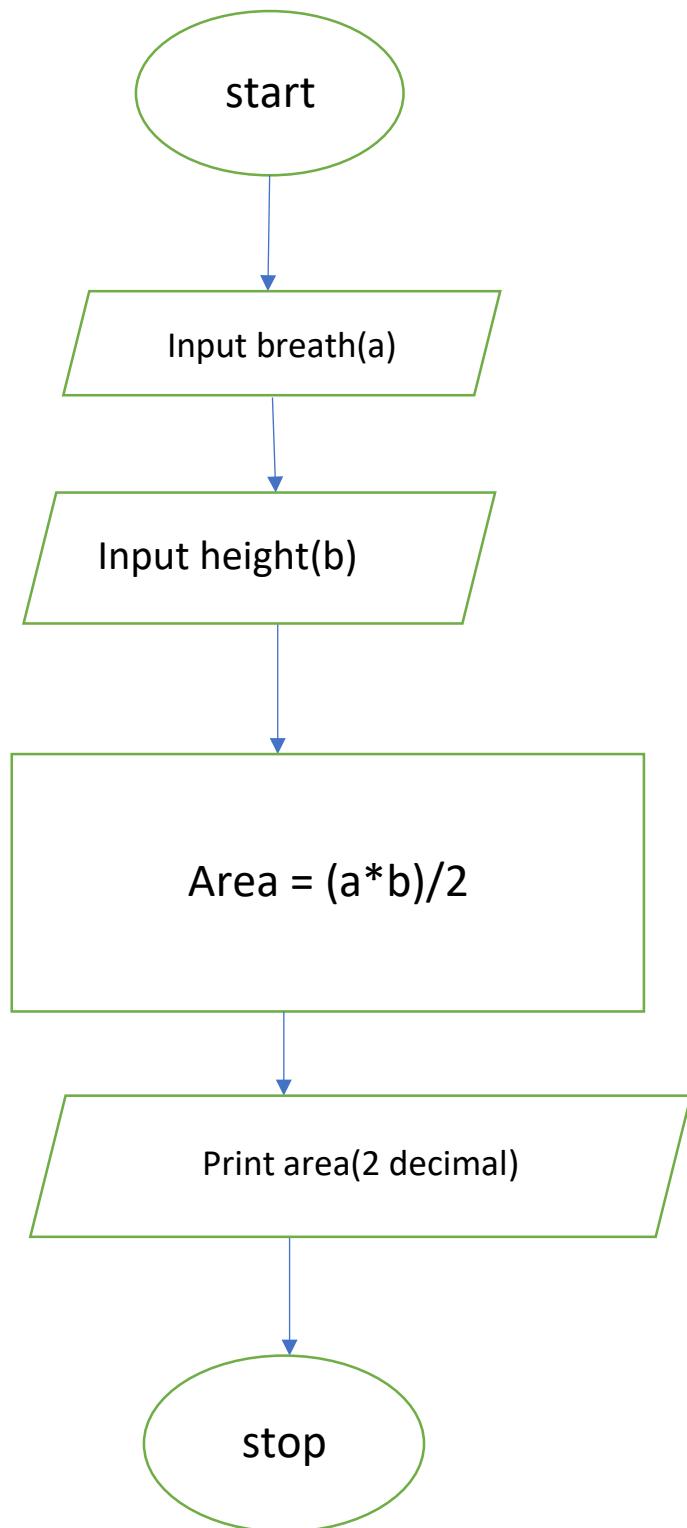
Step 4. Display/Print the area formatted to 2 decimal places

Step 5. Stop

B) Python Code :

```
a=float(input())
b=float(input())
area=a*b/2
print(f"{area:.2f}")
```

C) flowchart :



D) Output image:

1.1.4. Area of Triangle

Write a Python program that prompts the user to enter the triangle's base and height.

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, followed by a new line.

Sample Test Cases

