1.1.4 Calculate Area of Triangle :

Algorithm:

Step 1: Start

Step 2: Input the value of h(height)
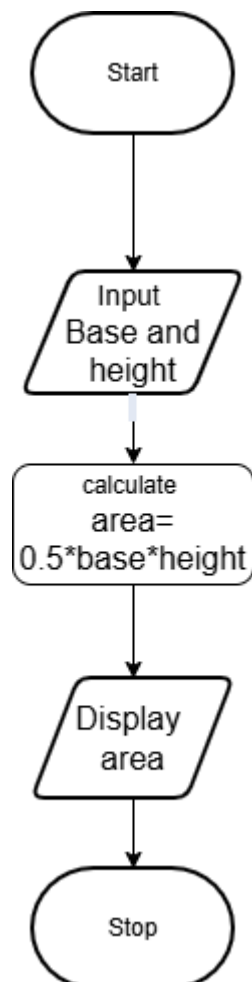
Step 3: Input the value of b (base)

Step 4: Calculate the area using

$$Area = 0.5* h*b$$

Step 5: Display the Area

Step 6: Stop

1.1.4. Area of Triangle

01:31   AA   ☾   ◪   ⊘   —

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

+

Explorer

🐍 triangleA...

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

⊙

Average time	Maximum time
0.029 s	**0.046 s**
29.50 ms	46.00 ms

🅿   ◺

✔ **2 out of 2 shown test case(s) passed**

✔ **2 out of 2 hidden test case(s) passed**

❮ Test case 1 46 ms   🐍 Debug ▥ ▦ ❯

Expected output	Actual output
6.54	6.54
1.23	1.23
4.02	4.02

❮ Test case 2 30 ms   🐍 Debug ▥ ▦

Expected output	Actual output
10.5	10.5
32.0	32.0
168.00	168.00

✕

Submit