

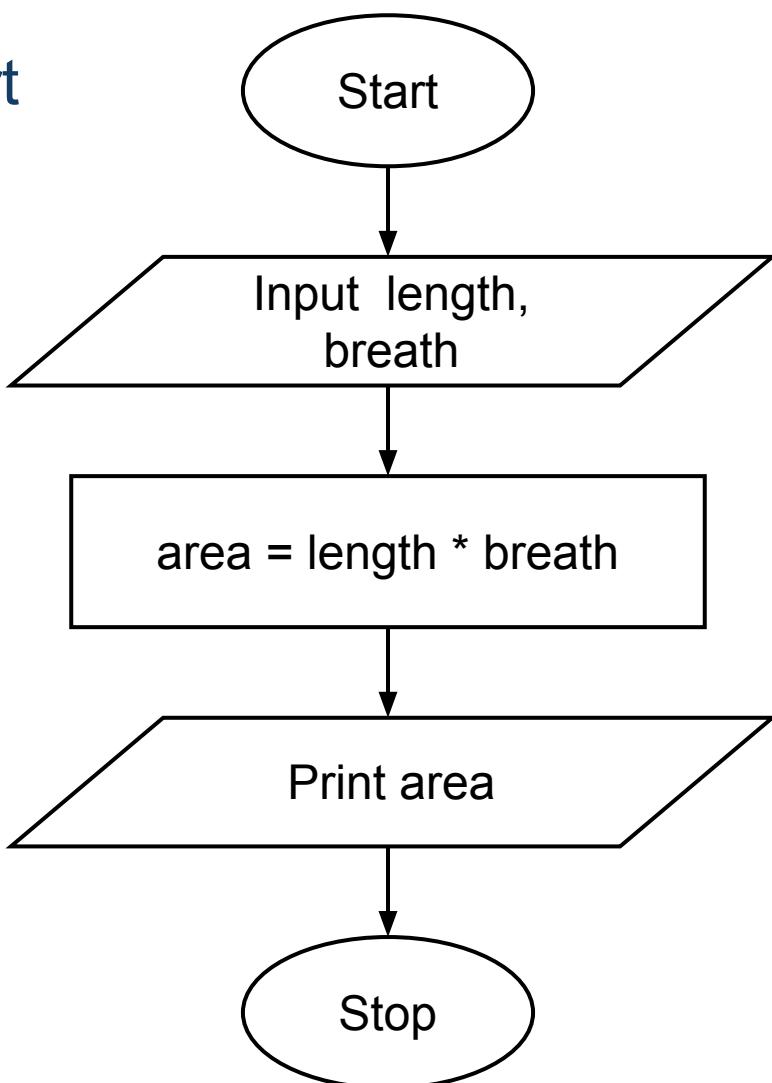
Experiment – 1.1.2

Area of Rectangle

- Algorithm

STEP 1 : Start
STEP 2 : Input length,
breath
STEP 3 : Calculate
 area =
 length*breadth
STEP 4 : Print area
STEP 5 : Stop

- Flowchart



- Code

```
length = float(input())
breath = float(input())
area = length*breath
print(f'{area:.2f}')
```

1.1.2. Area of Rectangle05:14     -

Write a Python program to calculate the area of a rectangle given its length and width.

Formula:

$$\text{Area of Rectangle} = \text{Length} \times \text{Width}$$

Input Format:

- First line contains a float value representing the length of the rectangle
- Second line contains a float value representing the width of the rectangle

Output Format:

- Print the area of the rectangle as a float value formatted to 2 decimal places.

Sample Test Cases

ExplorerareaOfRe...SubmitDebugger

```
length = float(input())
width = float(input())
area= length*width
print(f"{area:.2f}")
```

Average time
0.008 s
7.60 msMaximum time
0.009 s
9.00 ms5 out of 5 shown test case(s) passed
5 out of 5 hidden test case(s) passed

Test case 1	9 ms	Debug	☰
Expected output	Actual output	▼	
10.5	10.5	▶	
5.2	5.2	▶	
54.60	54.60	▶	

Test case 2	8 ms	☰
Terminal	Test cases	▼