1.1.2 Area of Rectangle :

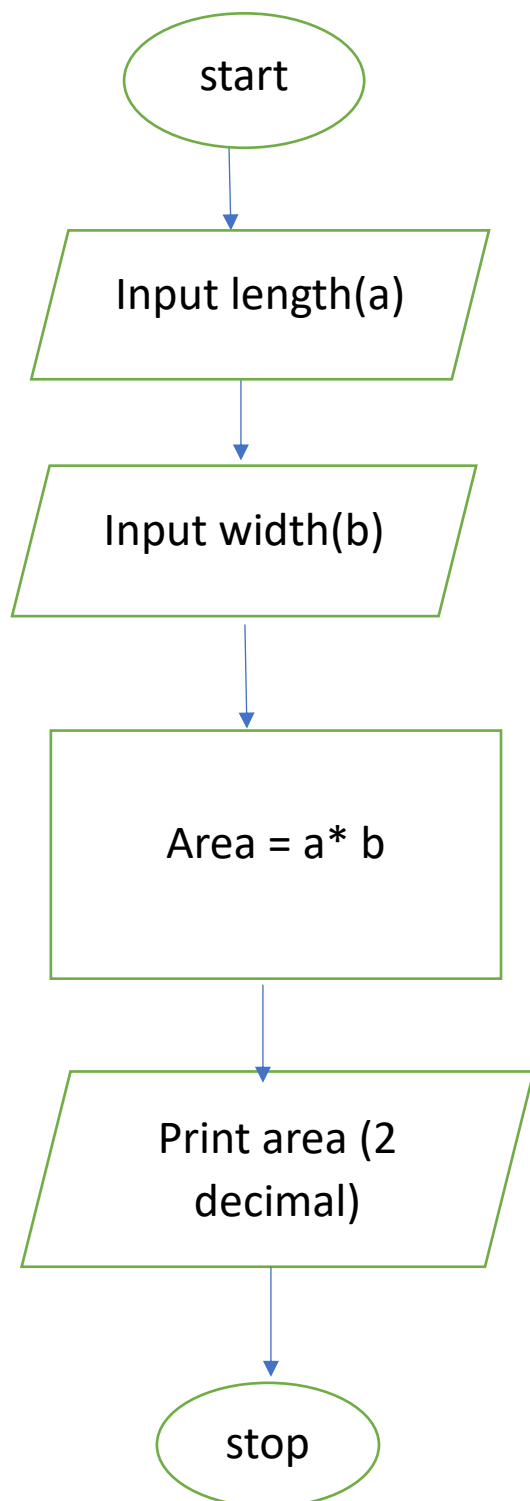### A) Algorithm

1. Start
2. Read length (a) and width (b)
3. Compute area = a × b
4. Display the area formatted to 2 decimal places
5. stop

B) Python Code

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

c) Flowchart

```
start
  |
  v
Input length(a)
  |
  v
Input width(b)
  |
  v
Area = a* b
  |
  v
Print area (2
decimal)
  |
  v
stop
```

D) output

1.1.2. Area of Rectangle `03:06`

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   +

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areaOfRe...   Submit

```python
1  a=float(input())
2  b=float(input())
3  area=a*b
4  print(f"{area:.2f}")
5
```

Average time	Maximum time	
0.011 s	**0.050 s**	✅ 5 out of 5 shown test case(s) passed
10.50 ms	50.00 ms	✅ 5 out of 5 hidden test case(s) passed

✅ **Test case 1** `50 ms`   🐞 Debug ≡ ▦ ^

Expected output	Actual output
10.5	10.5
5.2	5.2
54.60	54.60

✅ **Test case 2** `5 ms`   ˅

▶ Terminal   ▦ Test cases