

# Experiment – 1

## 1.1.3 Calculate Area of the Square

- Algorithm

STEP 1 : Start

STEP 2 : Input side\_length

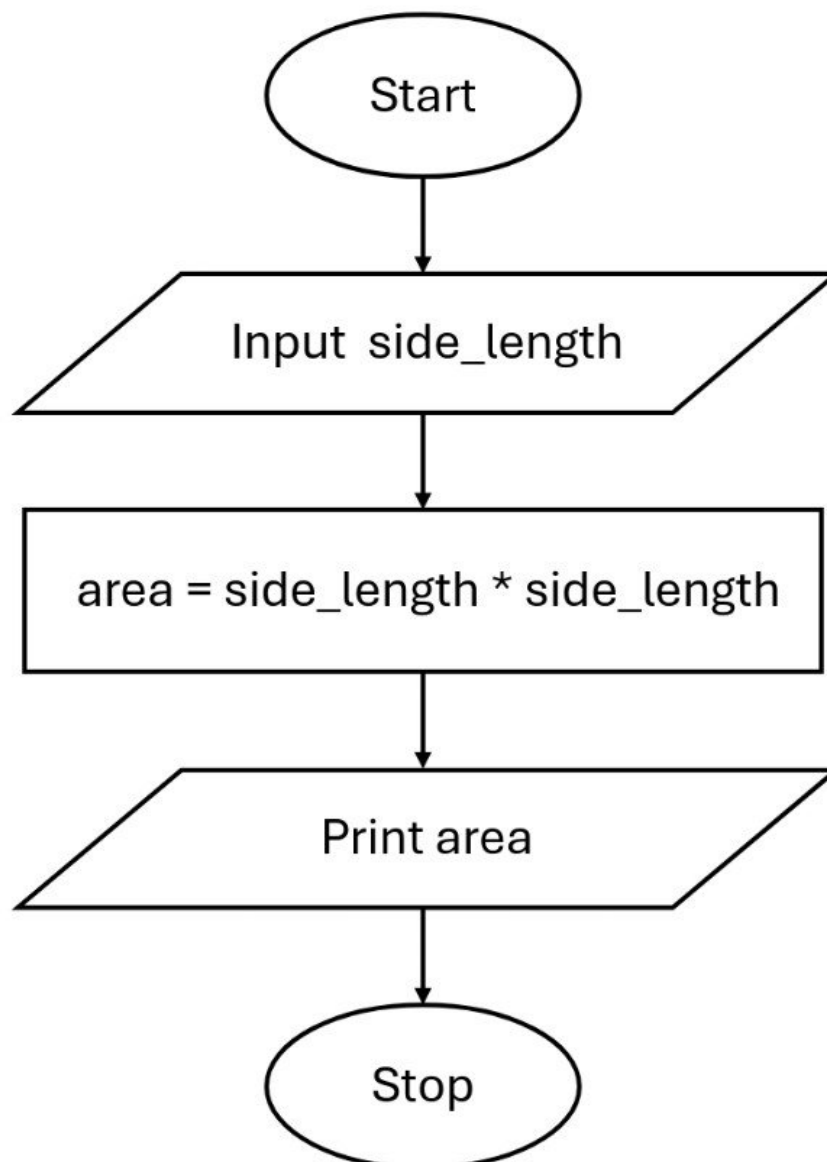
STEP 3 : Calculate

$\text{area} = \text{side\_length} * \text{side\_length}$

STEP 4 : Print area

STEP 5 : Stop

- Flowchart



### 1.1.3. Calculate Area of the Square

01:17

Write a Python program that prompts the user to enter the *side\_length* of a square and computes the area of the square.

#### Formula:

- $\text{Area} = \text{side\_length}^2$

#### Input Format:

- The input is a positive integer value that represents the *side\_length* of the square.

#### Output Format:

- The output is a positive integer value that represents the area of the square.

Sample Test Cases

+

#### AreaSqua...

```
1 side_length=int(input())
2 area=side_length*side_length
3 print(area)
4
5
6
```

Average time  
**0.017 s**  
16.50 ms

Maximum time  
**0.033 s**  
33.00 ms

2 out of 2 shown test case(s) passed

2 out of 2 hidden test case(s) passed

Test case 1 33 ms

Expected output

5

25

Actual output

5

25

< Prev

Reset

Submit

Next >