

### 1.13 Calculate Area of the Square :

Algorithm:

Step 1: Start

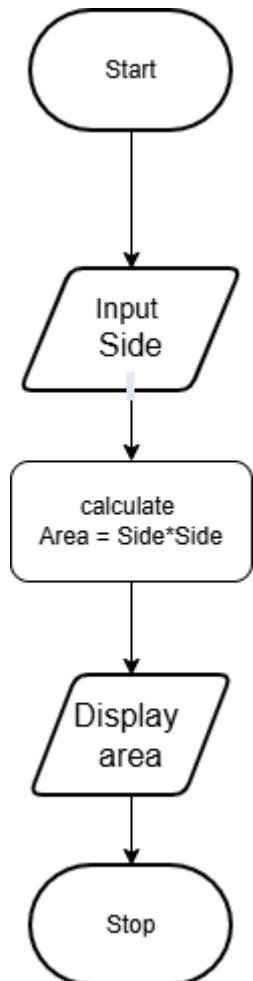
Step 2: Input the value of a

Step 3: Calculate the area using

$$\text{Area} = a \times a$$

Step 4: Display the Area

Step 5: Stop



## CODE TANTRA

1.1.3. Calculate Area of the Square

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.

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Support

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```
02:26 A ⌛ ⚡ -  
Explorer  
1 AreaSqua...  
2 a=int(input())  
3 area=a*a  
4 print(area)
```

1

2

3

4

5

6

7

8

Average time  
**0.005 s**  
5.25 ms

Maximum time  
**0.007 s**  
7.00 ms

2 out of 2 shown test case(s) passed  
2 out of 2 hidden test case(s) passed

Debug

☰ ^

Test case 1 **7 ms**  
Expected output

Actual output

5

25

Test case 2 **5 ms**

▼

Sample Test Cases