

Experiment 1.1.3

Aim:- Write a Python program that prompts the user to enter the side of a square and computes the area of the square.

Algorithm:-

Step 1: Start

Step 2: Read the side length s

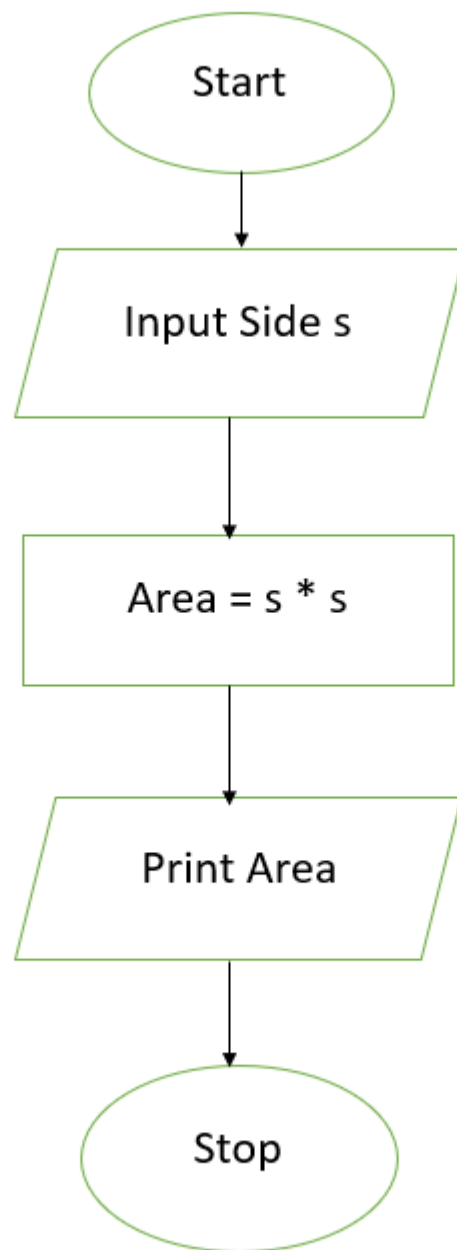
Step 3: Calculate the area using

$$\text{area} = s \times s$$

Step 4: Display the area

Step 5: Stop

Flowchart:-



Code:-

CODETANTRA

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1.1.3. Calculate Area of the Square

0.053

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...

Submit

1# Write your code here...
2side_length = int(input())
3area = side_length * side_length
4print (area)
5
6
7
8
9

Average time0.004 s4.50 ms
Maximum time0.006 s6.00 ms

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

Test case 16 ms

Debug

Expected output5
Actual output5
2525

Test case 26 ms

Terminal

Test cases

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