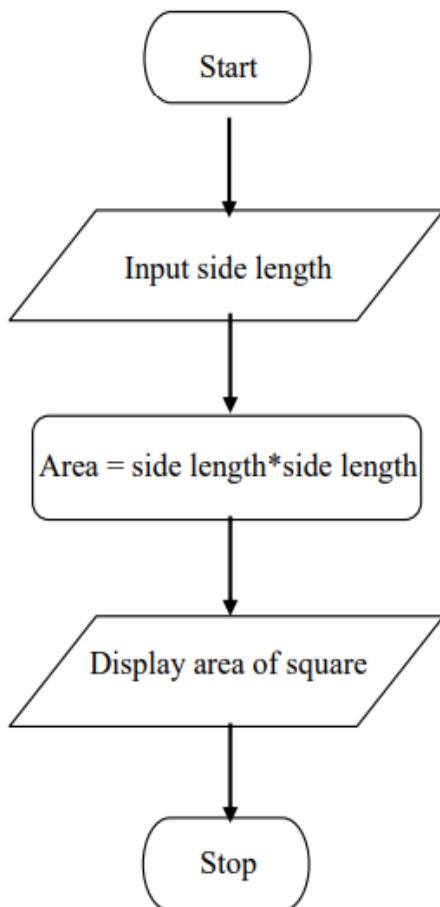


Flow chart

1.1.3



Algorithm: -

1. Start
2. Input side length
3. Calculate the area using the formula:
area = side length * side length
4. Display the calculated area.
5. Stop

CODE TANTRA Home nidhi.potle.batch2025@sitnagpur.siu.edu.in Support Logout

1.1.3. Calculate Area of the Square 03:09 AA ☺ ☰ -

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 +

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

Average time Maximum time
0.016 s 0.045 s 16.00 ms 45.00 ms 2 out of 2 shown test case(s) passed 2 out of 2 hidden test case(s) passed

Test case 1 45 ms Expected output 5 Actual output 5 25

Test case 2 6 ms

Terminal Test cases < Prev Reset Submit Next >

This screenshot shows a programming environment on Code Tantra. It displays a challenge titled "1.1.3. Calculate Area of the Square". The task requires writing a Python program that takes a side length as input and prints the area. A formula $\text{Area} = \text{side_length}^2$ is provided. The code editor shows a template with placeholder text "# Write your code here...". Below the editor, performance metrics show an average time of 0.016 seconds and a maximum time of 0.045 seconds. Test results indicate 2 out of 2 shown test cases passed and 2 out of 2 hidden test cases passed. Two specific test cases are detailed: Test case 1 with input 5 and output 25, and Test case 2 with input 25 and output 6. Navigation buttons like "Prev", "Reset", "Submit", and "Next" are visible at the bottom.