

EXPERIMENT NO 1

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1.1.3 Area of square

Algorithm

Step 1:- Start

Step 2:- Read the side length of the square.

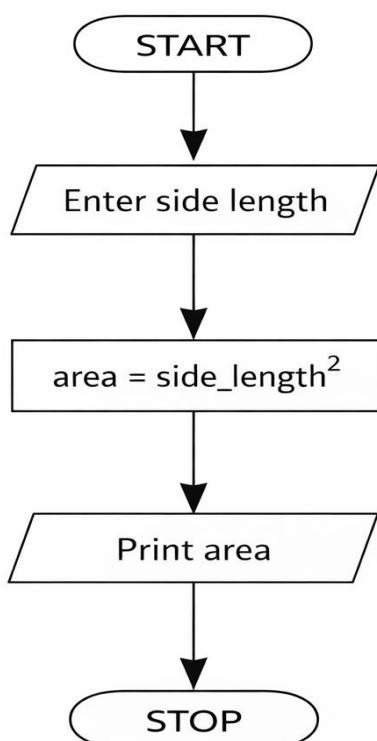
Step 3 :- Calculate the area using the formula

Step 4 :-area = side_length²

Step 5:-Display the area.

Step 6:- Stop

Flowchart



EXPERIMENT NO 1

Python code

```
side_length = int(input())
area = side_length ** 2
print(area)
```

EXCECUTION

The screenshot shows the CodeTantra interface for executing a Python script named 'AreaSqua...'. The code is:

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

The execution results show:

- Average time: 0.004 s
- Maximum time: 0.006 s
- 4.00 ms
- 6.00 ms

Test results:
2 out of 2 shown test case(s) passed
2 out of 2 hidden test case(s) passed

Test cases:
Test case 1 (3 ms)
Expected output: 5
Actual output: 25
Test case 2 (3 ms)
Expected output: 25
Actual output: 25

Buttons at the bottom: < Prev, Reset, Submit, Next >