# Code 1.1.3 } Write a Python program that prompts the user to enter the side_length of a square and computes the area of the square.

## Algorithm :

Step 1 : start

Step 2 : input of side_length

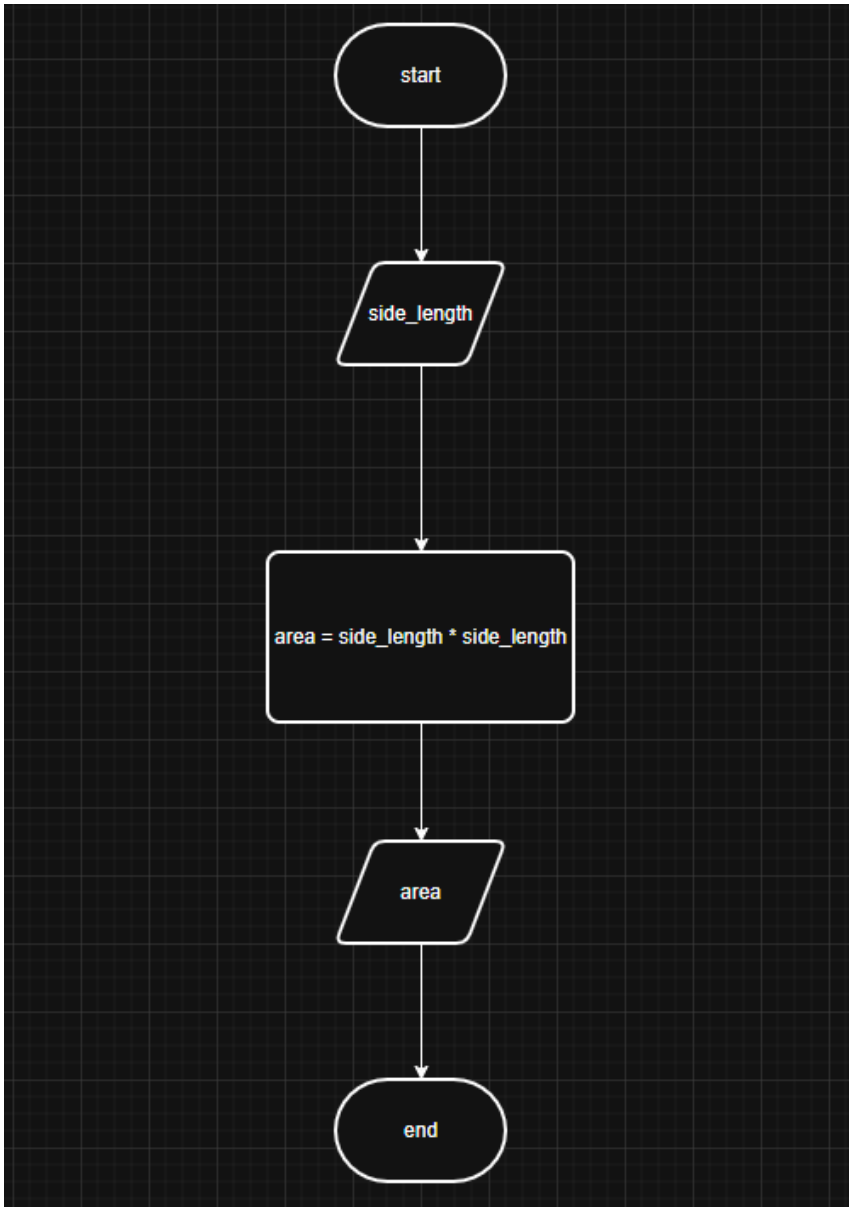
Step 3 : calculating area = side_length * side_length

Step 4 : stop

## Code :

```
Side_length = float(input())
Area = Side_length * Side_length
Print(Area)
```

## Flowchart :

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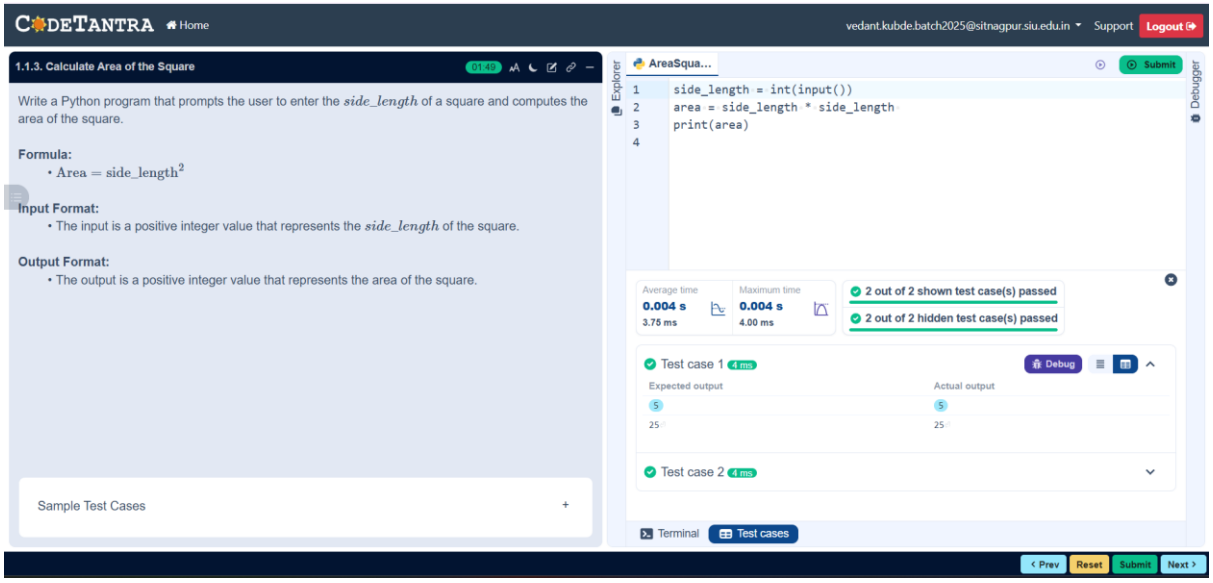
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1.1.3. Calculate Area of the Square
01:49
Write a Python program that prompts the user to enter the side_length of a square and computes the area of the square.
Formula:
• Area = side_length²
Input Format:
• The input is a positive integer value that 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...
Submit
Debugger
1 side_length = int(input())
2 area = side_length * side_length
3 print(area)
4
Average time
0.004 s
3.75 ms
Maximum time
0.004 s
4.00 ms
2 out of 2 shown test case(s) passed
2 out of 2 hidden test case(s) passed
Test case 1
4 ms
Debug
Expected output
Actual output
5
5
25
25
Test case 2
4 ms
Terminal
Test cases
‹ Prev
Reset
Submit
Next ›