Experiment – 1.1.3

Calculate Area of the Square

- ## Algorithm

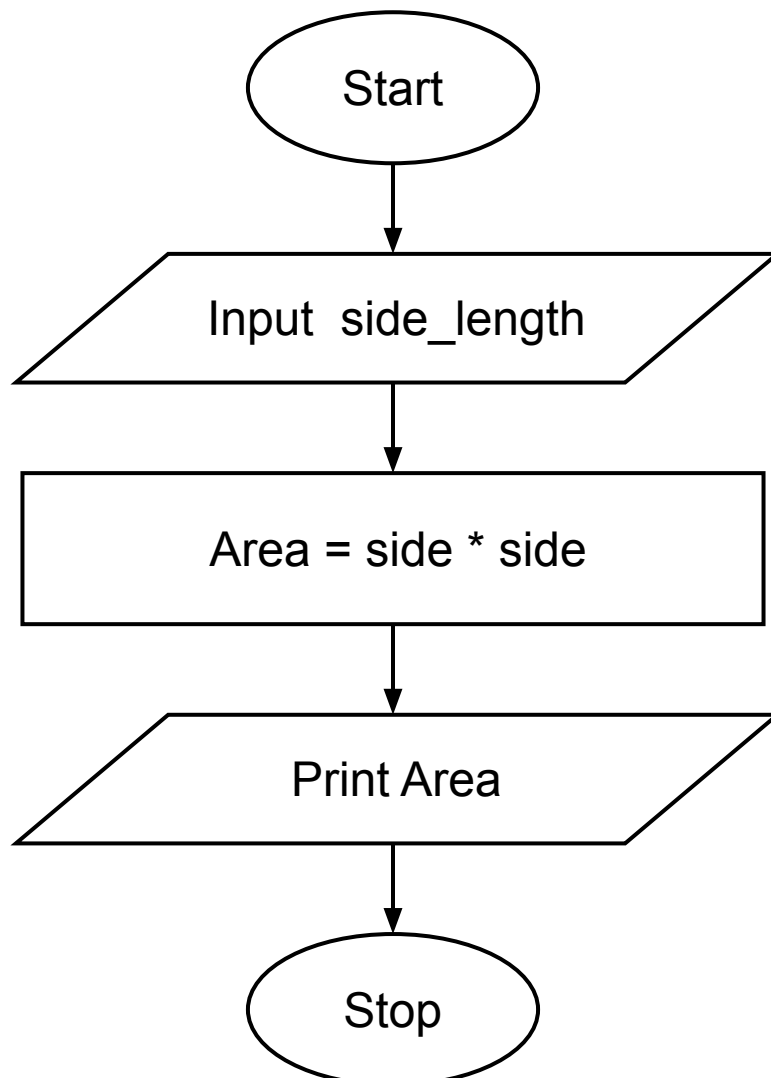 STEP 1 : Start
  STEP 2 : Input side
  STEP 3 : Calculate area =
             side * side
  STEP 4 : Print area
  STEP 5 : Stop

- ## Flowchart

Start

Input side_length

Area = side * side

Print Area

Stop

- Code

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

1.1.3. Calculate Area of the Square

03:11   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:
- $Area = side\_length^2$

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

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

Average time	Maximum time
0.002 s	**0.004 s**
2.25 ms	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 `2 ms`   ⌄

▶ Terminal   ⊞ Test cases

‹ Prev   Reset   Submit   Next ›