

**PRN : 25070521157**

**NAME : KANHAIYA TYAGI**

### **1.1.3 Area of Square - Algorithm, Flowchart and Code**

#### **A) Algorithm**

Step 1. Start

Step 2. Read side\_length (a)

Step 3. Compute area =  $a \times a$  (or  $a^2$ )

Step 4. Display/Print the area

Step 5. Stop

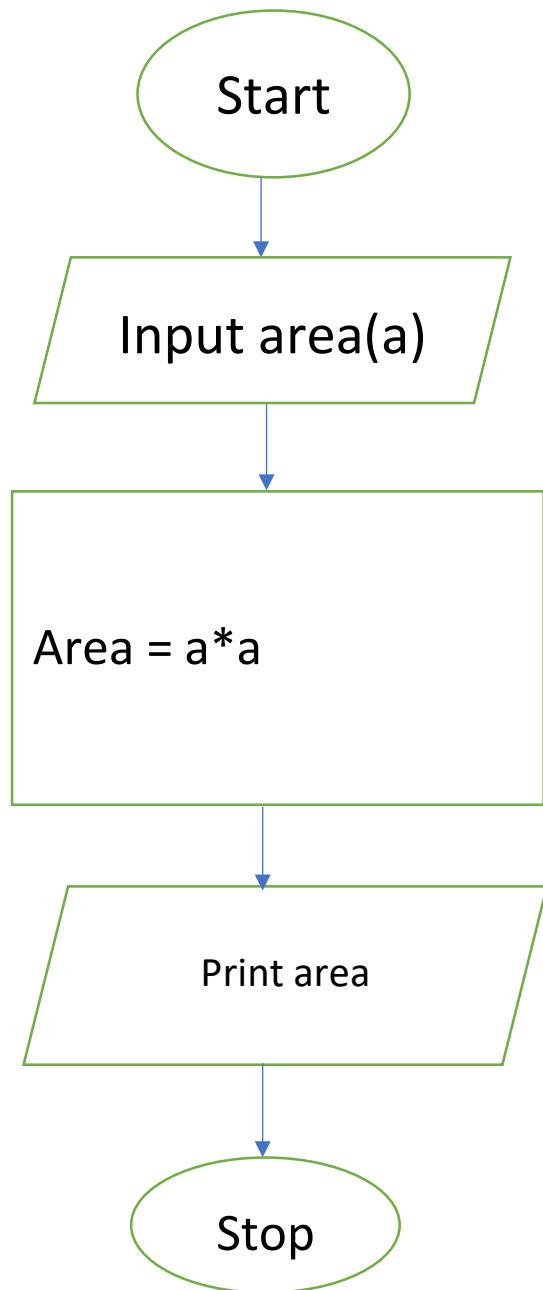
#### **B) Python Code :**

```
a= int(input())
```

```
area = a*a
```

```
print(area)
```

**C) flowchart :**



**D) Output image :**

### 1.1.3. Calculate Area of the Square

Write a Python program that prompts the user to enter the *side\_length* of a square.

**Formula:**

- $\text{Area} = \text{side\_length}^2$

**Input Format:**

- The input is a positive integer value that represents the *side\_length* of the

**Output Format:**

- The output is a positive integer value that represents the area of the square.

Sample Test Cases

