NamasteDev.com  Interview Practice  New    Courses    Join Community

# Square of a Number

## Problem Statement:

Write a function that takes an integer and returns its square. Call this function and prints the result. Square(x) is a function that computes the square of a number. It returns the result instead of printing it.

## Example:

**Input:** 3

**Process:** square(3) = 3 × 3 = 9
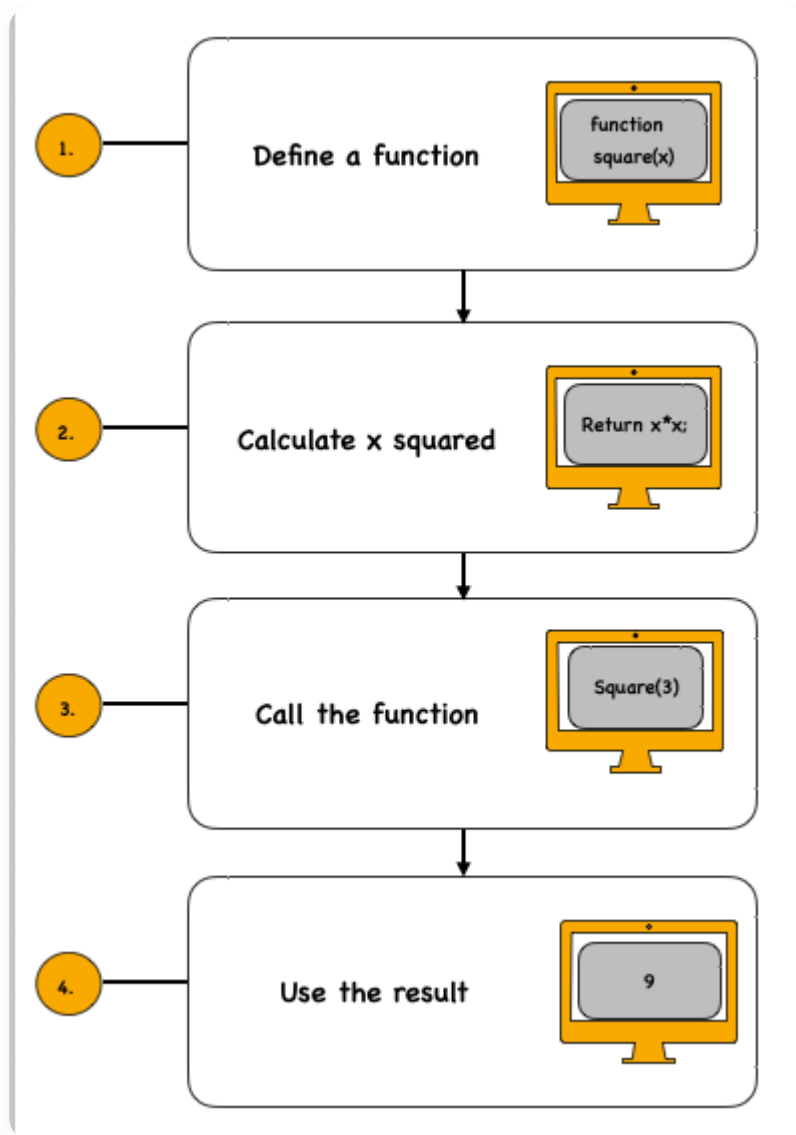
**Output:** The square is: 9

## Approach:

Define a function that takes one integer as input.

Compute the square of the number (multiply it by itself).

Return the result from the function.

Call the function and print the returned value.

## Visualisation:

**1.** Define a function

function
square(x)

**2.** Calculate x squared

Return x*x;

**3.** Call the function

Square(3)

**4.** Use the result

9

## Explanation:

- `Square(x)` is a function that takes an integer as input.

- It calculates the square using `x * x`.

- Instead of printing the result inside the function, it **returns** the value.

- The result is printed outside by calling the function.

JavaScript    Python    Java    C++    C    C#

```
def square(x):
return x * x
result = square(3)
```

```
print("The square is:", result)
```

**Video**          **Course**          **Discuss doubts**          **Certificate**

## Square of a number - DSA Notes

Square of a number - DSA Notes

5 of 91 lessons                                                    **5% complete**

**Introduction**

**Warm Up**

Warm Up - Introduction                                              ☑

Programming 101 </>                                                ☑

**Function, if-else** </>                                            ☑

Resources 🗀

Loops 01 </>                                                       ◼

Resources 🗀

Loops 02 </>                                                       ◼

Resources 🗀

Second Largest </>                                                  ◼

Resources 🗀

Loop in Loop </>                                                    ◼

Star Pattern  </>

Resources  📂

Count Digit  </>

Resources  📂

Palindrome  </>