Challenge 1: Square Numbers and Return their Sum

In this challenge, you need to implement a method which squares passing variables and return their sum.

Problem Statement

Implement a method `squareSum(double num1, double num2, double num3)` in a class `SquareSum` which takes three numbers, square them and returns their sum.

Input:

Three floating point numbers.

Output:

Sum of the squares of passing numbers
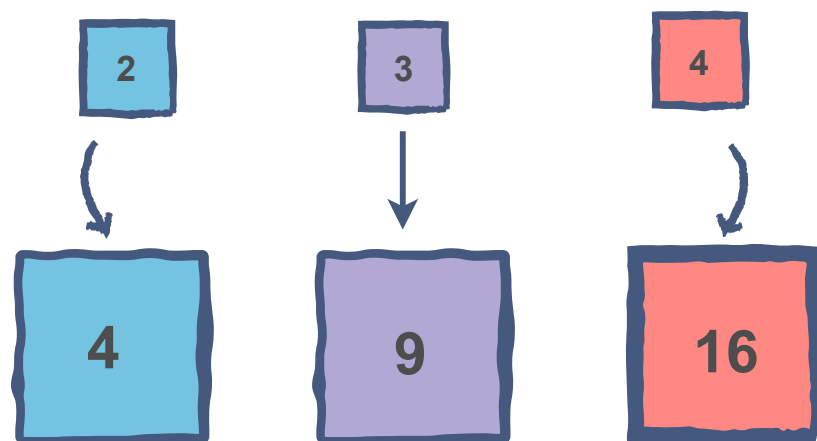
Sample Input

```
2, 3, 4
```

Sample Output

```
29
```
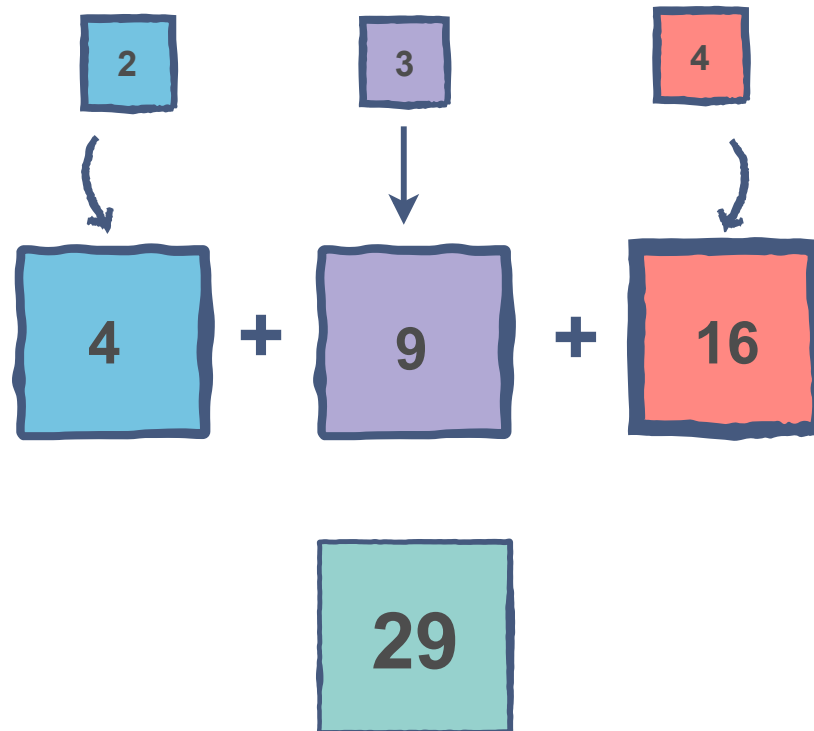
squareSum(double num1, double num2, double num3)

2   3   4

squareSum(double num1, double num2, double num3)

2   3   4

4   9   16

squareSum(double num1, double num2, double num3)

2

3

4

4 **+** 9 **+** 16

29

Coding Exercise

First, take a close look and design a step-by-step algorithm before jumping to the implementation. This problem is designed for your practice, so initially try to solve it on your own. If you get stuck, you can always refer to the solution provided in the solution section.

Good Luck!

```
// Square Sum
class SquareSum {

  // Method to sum the squares of three numbers
  double squareSum(double num1, double num2, double num3) {
    double sum = 0;

    // Write your code here

    return sum;
  }
```

```
}
```

The solution will be explained in the next lesson.