

Sum the Squares

1. Objectives

This exercise is intended to help you solve the assignment in the session. Use conditional and iteration algorithms, string manipulations and methods having parameters and a return type.

2. Description

Write a program (containing at least 2 class as we have learned in Module 1) that prints out the number of iterations that takes for sum to reach or exceed a certain number. This number is to be given by the user

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Sum up numbers
Give a whole positive number (ex 500) to return the number of iterations
that it takes for the sum of the squares, 1*1 + 2*2 + 3*3 . . .
to equal or exceed that number: 5650

It took 0 iterations for the sum get to or exceeds 5650 (sum = 6201)
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3. Requirements

- Create at least two classes with a Main method and one for the calculation.
- Use only private fields.
- Write a method for every task. Write as many methods as you can.
- Have a Start method in the calculation class to do the following:
 - Reads user-input (number to limit the calculation)
 - Calculate to provide results
 - Display results
- Write methods that get values through parameters and return a value.

4. Suggested Solution

A solution to this exercise is available on the course site.. The exercises is not to be submitted.

Good Luck!

Programming is fun. Never give up. Ask for help!

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