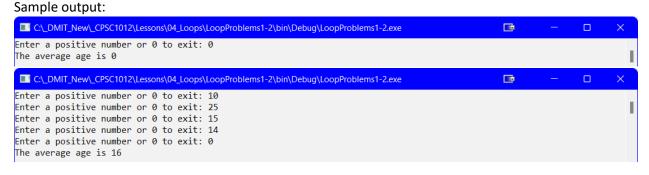
Loop Problems 1

Provide solutions to each of the problems below.

 Find the sum of the squares of the integers from 1 to mySquare, where mySquare is input by the user, e.g., user enters 4 then return 1x1 + 2x2 + 3x3 + 4x4 = 30.
Sample output:

Sumple Sulput.		
C:_DMIT_New_CPSC1012\Lessons\04_Loops\LoopProblems1-1\bin\Debug\LoopProblems1-1.exe		×
Enter the value for mySquare: 5 1x1 + 2x2 + 3x3 + 4x4 + 5x5 = 55		I
C:_DMIT_New_CPSC1012\Lessons\04_Loops\LoopProblems1-1\bin\Debug\LoopProblems1-1.exe		×
Enter the value for mySquare: 10 1x1 + 2x2 + 3x3 + 4x4 + 5x5 + 6x6 + 7x7 + 8x8 + 9x9 + 10x10 = 385		I

2. Input a list of positive numbers from the user and then calculate and display the average age. Use the input of the number zero (i.e., 0) to stop prompting for numbers.



- 3. Write a program that reads in a value **number** and then prints its digits in a column, starting with the last digit, e.g., if **number** = **3456**, then the program should print the following:
 - 6 5 4 3

Sample output:

C:_DMIT_New_CPSC1012\Lessons\04_Loops\LoopProblems1-3\bin\Debug\LoopProblems1-3.exe		×
Enter the value of a number: 78412		
2		- I
1		-
4		
8		
7		