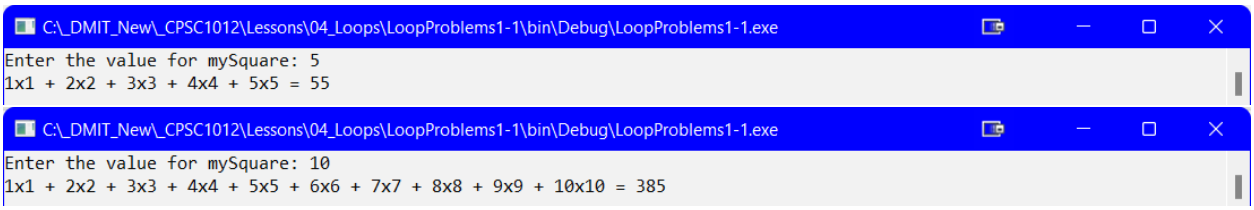
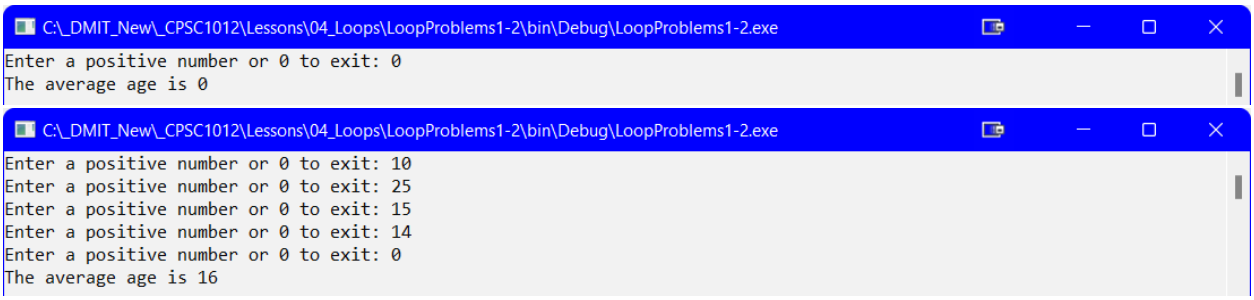
Loop Problems 1

Provide solutions to each of the problems below.

1. 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.



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