

CSCI-101 Programming I
April 8 Quiz

Instructions

Please write your name at the top of the lined paper that is provided and write your solution to the following problem on the paper.

Write a program that satisfies the following requirements. Write the program in a class named **Quiz3**.

Program Requirements

Declare a method named **printHappy** that prints the string "Happy" to the console.

Declare a method named **computeMean** that takes three integers as arguments and returns the mean average of the values that are passed into the method.

Declare a method named **numOdd** that has three integer parameters and returns an integer. The value returned is equal to the number of arguments passed into the method that are odd.

Declare a method named **inOrder** that has three integer parameters and returns true if the value of the first argument is less than or equal to the value of the second argument, and the value of the second argument is less than or equal to the value of the third argument. Otherwise the method returns false.

In main do the following.

- Print "Happy" to the console by calling **printHappy**.
- Using a Scanner, read in 3 integers from the user.
- Compute the mean of the values input by the user using **computeMean** and print the result to the console.
- Compute how many of the values input by the user are odd using **numOdd** and print the result to the screen.
- Compute whether or values input by the user (in the order input by the user) are in order by calling **inOrder**. Print true if they are in order, and false otherwise.