

CSCI-101 Programming I

Lab 4 Part 2

Instructions

Write a class named Lab4Part2.

1. Print to the screen your name.
2. Write a statement that creates a Scanner that can be used to read data from the keyboard.
3. Ask the user to enter 3 integers. Read the values into variables named **number1**, **number2**, and **number3**.
4. Declare a variable named **max** and set it to the largest of the two values in the variables named **number1** and **number2**.
5. Using conditional statements and the values stored in the variables named **number1**, **number2**, and **number3** determine if **ALL** of the values in **number1**, **number2**, and **number3** are divisible by 5. If so, print **all divisible by 5**, otherwise print **not all divisible by 5**.
6. Ask the user to enter their full name (first and last). Read the value into a single variable named **name**.
7. Use a for-loop to print each character in **name** to the screen, with spaces between each character, all on a single line.
8. Write a segment of code that uses a while-loop to print to the screen, on a single line with spaces between them, the even numbers between the values 40 and 60 (inclusively) *from smallest to largest*.
9. Write a segment of code that uses a for-loop to print to the screen, on a single line with spaces between them, the odd numbers between 40 and 60 (inclusively) *from largest to smallest*.
10. Write a segment of code that repeatedly asks the user to enter an integer. Add the values that the user enters and store the result in a variable named **sum**. When the user enters **0**, exit the loop and then print **sum**: followed by the value in the variable named **sum**.