CSCI-101 Programming I
Lab 5b

INSTRUCTIONS

Inside the **lab5** directory create a file named **Lab5b.java**.

Inside the **Lab5b.java** file write a program that does the following:

1. Allocate an array named **array1** that can hold 10 integers.
2. Print the length of the array to the screen.
3. Print to the screen the values of the elements in the array.

4. Ask the user to enter 10 integers.
5. Use a for-loop to read the integers from the keyboard and store the values in the array.

6. Use a for-loop to compute the sum of the values in the array.
7. When you are finished computing the sum print to the screen "**Sum:** " followed by the sum.

8. Use a for-loop to compute how many elements in **array1** are even.
9. When you are finished computing the number of elements that are even print "**Num even:** " followed by the number that are even.

10. Ask the user to enter an integer.
11. Read the value entered by the user into a variable named **input**.
12. Use a for-loop to compute how many elements in **array1** are equal to the value in **input**.
13. When you are finished computing the number of elements that are equal to the value in **input** print "**Count:** " followed by the count.