CSCI-101 Programming I
Lab 4

Log into cs.bridgewater.edu.

Change your working directory to your **csci101/labs** directory **inside your Github repository.**

Make a directory named **lab4**. Change your working directory to **lab4**.

Create a program in a file named **Lab4.java** in your **lab4** directory. Include in the program the statements necessary to achieve the following.

As you develop this program, and all other programs, save your file, compile, and test your code often.

- Use a while-loop to print the integers between 1 and 10 (inclusively) to the screen on a single line.

- Use a while-loop to compute the sum of integers between 1 and 10 (inclusively). Then print "Sum: " followed by the sum.

- Use a while-loop to compute the sum of the **even** integers between 1 and 10 (inclusively). Then print "Sum of even: " followed by the sum.

- Use a while-loop to compute the number of **even** integers between 1 and 10 (inclusively). Then print "Even count: " followed by the count.

- Ask the user to enter 2 integers.

- Read the integers from the keyboard and store them in variables named **var1** and **var2**.

- Use a while-loop to print the integers between the value in **val1** and the value in **val2** (inclusively) to the screen on a single line.

- Use a while-loop to compute the sum of integers between the value in **val1** and the value in **val2** (inclusively). Then print "Sum: " followed by the sum.

- Use a while-loop to compute the sum of the **even** integers between the value in **val1** and the value in **val2** (inclusively). Then print "Sum of even: " followed by the sum.

- Use a while-loop to compute the number of **even** integers between the value in **val1** and the value in **val2** (inclusively). Then print "Even count: " followed by the count.

When complete, push your code to GitHub and verify your code is there using a browser.