CSCI-101 Programming I
Lab 5a

Log into cs.bridgewater.edu.

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

Make a directory named **lab5**. Change your working directory to **lab5**.

Create a program in a file named **Lab5a.java** in your **lab5** 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.

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

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

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

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

5. Ask the user to enter 2 integers.

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

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

8. Use a for-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.

9. Use a for-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.

10. Use a for-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.