

# CSCI-101 Programming I

## Lab 7

Log into cs.bridgewater.edu.

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

Make a directory named **lab7**. Change your working directory to **lab7**.

Create a program in a file named **Lab7.java** in your **lab7** directory. Include in the program the statements necessary to achieve the following.

1. Create a **main** method. For each method described below, call the method in main.
  - a. **If** the method requires arguments, ask the user for the data in **main** and **pass the data** to the method.
  - b. **If** the method returns a value, print to the screen some label followed by the value that is returned by the method.
2. Create a method named **printName**. The method has no parameters. The method simply prints your name to the screen.
3. Create a method named **printValue**. The method has an integer parameter. The method prints to the screen "Value: " followed by the value passed to the method.
4. Create a method named **printMin**. The method has two integer parameters. The method prints to the screen "Min: " followed by the smallest value that is passed into the method.
5. Create a method named **getMax**. The method has two integer parameters. The method **returns** the largest value that is passed into the method.
6. Create a method named **getMeanAverage**. The method has three integer parameters. The method returns the mean average (as a double) of the three values passed into the method.
7. Create a method named **allEven**. The method has two integer parameters. The method returns **true** if both values passed into the method are even; otherwise the method returns **false**.
8. Create a method named **intervalSum**. The method has two integer parameters named **val1** and **val2**. The method return the sum of the integers that are between val1 and val2 (inclusively).

**When finished, push your Lab7.java file to GitHub.**