CSCI-101 Programming I
Lab 3

Log into cs.bridgewater.edu.

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

Make a directory named **lab3**.

Change your working directory to **lab3**.

Create a program in a file named **Lab3.java** in your **lab3** 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. Ask the user to enter 3 integers.

2. Read the integers and store them in variables named **var1**, **var2**, and **var3**.

3. If the value in **var1** is larger than or equal to **var2**, print "**var1 larger than or equal to var2**".

4. If the value of **var1** is larger than or equal to **var2** AND **var1** is larger than or equal to **var3** print **"var1 is larger or equal to all others"**.

5. Declare a variable named **max** and set it equal to **0**.

6. If the value in **var1** is larger than or equal to **var2** AND **var1** is larger than or equal to **var3** then set **max** equal to the value of **var1**.

7. Print the screen "**max (var1, var2):** " then the value in **max**.

8. Set **max** equal to the largest of the values in **var1**, **var2**, and **var3**.

9. print "**max (var1, var2, var3):** " followed by the value in **max**.

10. Declare a variable named **min** and set it equal to **0**.

11. Set **min** equal to the smallest of the values in **var1**, **var2**, and **var3**.

12. Print "**min(var1, var2, var3):** " followed by the value in **min**.

13. If the value in **var1** is even print "**var1 is even**".

14. If the value in **var1** is even AND the value in **var2** is even then print "**var1 and var2 are even**".

15. Declare a variable named **allEven** and set it to **false**.

16. If the values in **var1**, **var2**, and **var3** are all even then set **allEven** to **true**.

17. Print to the screen "**All are even:** " followed by the value in **allEven**.

18. Declare a variable named **count** and initialize it to **0**.

19. If the value in **var1** is even, set **count** equal to **count** plus **1**.

20. Print "**count:** " followed by the value in **count**.

21. If the value in **var2** is even, set **count** equal to **count** plus **1**.

22. Print "**count:** " followed by the value in **count**.

23. If the value in **var3** is even, set **count** equal to **count** plus **1**.

24. Print "**number of vars that are even:** " followed by the value in **count**.

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