

CSCI-101 Programming I

Lab 2

Log into cs.bridgewater.edu.

Change your working directory to your **csci101** directory **inside your GitHub repository**.

Make a directory named **lab2**.

Change your working directory to **lab2**.

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

Create a program in a file named **Lab2.java** in your **lab2** directory. Include in the program the statements necessary to achieve the following:

1. Ask the user to enter 3 integers.
2. Read the integers from the keyboard and store them in variables named **input1**, **input2**, and **input3**.
3. If the value in **input1** is larger than or equal to **input2**, print "**input1 larger than or equal to input2**".
4. If the value of **input1** is larger than or equal to **input2** AND **input1** is larger than or equal to **input3** print "**input1 is larger or equal to all others**".
5. Declare a variable named **max** and set it equal to the value in **input1**.
6. If the value in **input2** is larger than the value in **input1** then set **max** equal to the value of **input2**.
7. Print the screen "**max (input1, input2):** " followed by the value in **max**.
8. Declare a variable named **min** and set it equal to the value in **input1**.
9. Use conditional statements to set **min** equal to the smallest of the values in **input1**, **input2**, and **input3**.
10. Print "**min(input1, input2, input3):** " followed by the value in **min**.

11. If the value in **input1** is even print "**input1 is even**".
12. If the value in **input1** is even AND the value in **input2** is even then print "**input1 and input2 are both even**".
13. Declare a variable named **allEven** and set it to **false**.
14. If the values in **input1**, **input2**, and **input3** are all even then set **allEven** to **true**.
15. Print to the screen "**All are even:** " followed by the value in **allEven**.
16. Declare a variable named **count** and initialize it to **0**.
17. If the value in **input1** is even, set **count** equal to **count** plus **1**.
18. Print "**count:** " followed by the value in **count**.
19. If the value in **input2** is even, set **count** equal to **count** plus **1**.
20. Print "**count:** " followed by the value in **count**.
21. If the value in **input3** is even, set **count** equal to **count** plus **1**.
22. Print "**number of inputs 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.