CSCI-101 Programming 1
Week of Oct 23 - Lab 10d

INSTRUCTIONS

Inside your **Lab10** directory add a class named **MatrixTest**. The class should have a method named **main**. Inside main, <u>perform the following using the static methods in **IntMatrix**</u>.

1. Create a 2D array that contains the following values:

    ```
     1,  2,  3
    -2, -1, -3
     9,  8,  7
    ```

    Store a reference to the 2D array in a variable named **matrix1**.

2. Print to the screen the contents of **matrix1**.

3. Print "Max: " followed by the largest value in **matrix1.**

4. Print "Min: " followed by the smallest value in **matrix1**.

5. Ask the user for an integer, read the value from the keyboard, then print "Contains" if the value of the element read from the keyboard is in **matrix1** and "Does not contain" if the value is not in **matrix1**.

6. Ask the user for an integer, read the value from the keyboard, then print "Count: " followed the number of times the value read from keyboard is found in **matrix1**.

7. Create a new 2D array that contains the same values that are in **matrix1**. Store the reference to the new array in a variable named **matrix2**.

8. Print to the screen the contents of **matrix2**.