

CSCI-101 Programming 1

Week of Oct 23 - Lab 10b

INSTRUCTIONS

Inside your **Lab10** directory add a class named **ArrayTest**. The class should have a method named **main**. Inside main, perform the following using the static methods in **IntArray**.

1. Create an array that contains the values 2,4,6,8, and 10. Store a reference to the array in a variable named **arr1**.
2. Print to the screen the contents of **arr1**.
3. Print "Max: " followed by the largest value in **arr1**.
4. Print "Min: " followed by the smallest value in **arr1**.
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 **arr1** and "Does not contain" if the value is not in **arr1**.
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 **arr1**.
7. Create a new array that contains the same values that are in **arr1**. Store the reference to the new array in a variable named **arr2**.
8. Print to the screen the contents of **arr2**.