

CSCI-101 Programming 1

Lab 5, Part c - Week of September 19

INSTRUCTIONS

Log into cs.bridgewater.edu.

Change your working directory to your **labs** directory in your repository.

Inside the labs directory use **vi** to create a file named **Lab5c.java**.

Inside the **Lab5c.java** file write a program that does the following:

1. Allocate an array named **arr1** that can hold 10 integers.
2. Print to the screen "**Length:** " followed by the length of **arr1**.
3. Use a for-loop to print the elements in **arr1** to the screen on a single line.
4. Ask the user to enter 10 integers from the keyboard.
5. Store the integers that the user types into **arr1**.
6. Use a **for-loop** to print the elements in **arr1** to the screen on a single line.
7. Use a for-loop to count how many elements in **arr1** have the value **5**. Print to the screen "**count 5s:** " followed by the *count*.
8. Use a for-loop to count how many elements in **arr1** are even. Print to the screen "**count even:** " followed by the *count*.
9. Use a for-loop to count how many elements in **arr1** are greater than 5. Print to the screen "**count gt 5:** " followed by the *count*.
10. Use a for-loop to count how many elements in **arr1** are even and greater than 5. Print to the screen "**count even and gt 5:** " followed by the *count*.
11. Use a for-loop to count how many elements in **arr1** are even or greater than 5. Print to the screen "**count even or gt 5:** " followed by the *count*.