# Chapter 7 Programming Assignment

**Purpose:** To use software development principles of abstraction in problem solving and structured problem solving techniques to create an application that uses various control structures and Java arrays to create an array comparing application.

**Details:**

Create a class called CompareArrays that determines if two specified integer arrays are equal.

The class should have one static methods:

* public static boolean compare(int[] arrayOne, int[] arrayTwo) – Which compares the two arrays for equality. The two arrays are considered equal if they are the same size, and contain the same elements in the same order. If they are equal, the method should return true. Otherwise, the method should return false.

**NOTE:** You are not allowed to use the Arrays.equals method for this programming assignment.

Create a second class called CompareArraysTest that contains the main method, and ***thoroughly*** tests the ComparyArrays.compare method. This test class does not need to ask users for input. Just create the needed arrays to ensure that you test the ComparyArrays.compare method well. The thoroughness of your testing in will impact your grade.

Upload both source files to Blackboard.

**Note:** Ensure that your program is properly formatted and it follows all Java naming conventions.