This document provides the necessary instructions for completing the Week 2 lab exercises. This exercises are mainly slight modifications of Week 2 class examples already provided.

**Exercise 1: Using Arrays**

Run the **Scoreboard** application from the Lesson2Examples. Increase the capacity of arrays and experiment with more *remove* operations.

**Example 2: Arrays**

Write a Java method that repeatedly selects and removes a random entry from an array until the array holds no more entries. **Hint:** You have to have your random number select a random index in the array, so be sure to keep track of the number, **n**, of entries in the array and do not index past index **n−1**.

**Exercise 3: Using SinglyLinkedList data structures**

In This exercise you are going to use the SinglyLinkedList class from Lesson2Examples. In the main method, create a new **SinglyLinkedList** of *double* numbers**.** Test **insertions** at the head and tail. Test the **removals** at the head.

**Exercise 4: Using a Doubly-Linked list**

In This exercise you are going to use the **DoublyLinkedList** class from Lesson2Examples. In the *main* method, create a new **DoublyLinkedList** of *double* numbers**.** Test **insertions** at the head and tail. Test the **removals** at the head and tail. Test **insertions between** two given nodes.