**CS 0445 Fall 2020 Assignment 1**

**Name: \_\_\_\_\_\_\_\_\_\_Michael\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**MyDeque<T> Class:**

Constructor (int arg): \_\_\_\_5\_\_\_\_\_\_ (5)

Copy constructor: \_\_\_10\_\_\_\_\_\_\_ (10)

equals() method: \_\_\_10\_\_\_\_\_\_ (10)

toString() method: \_\_\_\_10\_\_\_\_\_ (10)

Resizing done properly: \_\_\_\_10\_\_\_\_\_\_ (10)

**DequeInterface<T> methods:**

**[Note: No credit will be given for DequeInterface<T> methods that use shifting]**

addToFront(), removeFront(): \_\_\_\_10\_\_\_\_\_\_ (10)

addToBack(), removeBack(): \_\_\_\_10\_\_\_\_\_\_ (10)

getFront(), getBack(): \_\_\_\_5\_\_\_\_\_\_ (5)

clear(): \_\_\_\_5\_\_\_\_\_\_ (5)

size(), capacity(), isEmpty(): \_\_\_\_5\_\_\_\_\_\_ (5)

**IndexDeque<T> Class:**

Inheritance utilized correctly: \_\_\_\_5\_\_\_\_\_\_ (5)

No new instance variables: \_\_\_\_10\_\_\_\_\_\_ (10)

**Indexable<T> methods:**

**[Note: No credit will be given for Indexable<T> methods that use shifting]**

getFront(i), setFront(i):  \_\_\_10\_\_\_\_\_\_\_ (10)

getBack(i), setBack(i): \_\_\_10\_\_\_\_\_\_\_ (10)

**IndexAddRemoveDeque<T> Class:**

Inheritance utilized correctly: \_\_\_5\_\_\_\_\_\_\_ (5)

No new instance variables: \_\_\_10\_\_\_\_\_\_\_ (10)

**IndexableAddRemove<T> methods:**

addToFront(i), removeFront(i): \_\_\_15\_\_\_\_\_\_\_ (15)

addToBack(i), removeBack(i): \_\_\_15\_\_\_\_\_\_\_ (15)

**Output of Assig1A.java is correct:** \_\_\_15\_\_\_\_\_\_\_ (15)

**Output of Assig1B.java is correct:** \_\_\_\_15\_\_\_\_\_\_ (15)

**Assignment Information Sheet/Submission:** \_\_\_\_5\_\_\_\_\_\_ (5)

**Documentation:** \_\_\_\_5\_\_\_\_\_\_ (5)

**Subtotal Points:** \_\_\_\_200\_\_\_\_\_\_ (200)

**Normalized Points (Subtotal / 2.0):** \_\_\_\_100\_\_\_\_\_\_ (100)

**Extra Credit:** \_\_\_\_\_0\_\_\_\_\_ (10)

**Late Penalty** \_\_\_\_\_0\_\_\_\_\_ (-15)

**Total \_\_\_100\_\_\_\_(100)**

**Good Work!**