**CS 0445 Fall 2020 Assignment 3**

**Name: \_\_\_\_\_\_\_\_\_David Michael\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

# MyStringBuilder2 class[[1]](#footnote-1):

Constructors (2): \_\_\_10\_\_\_\_\_\_\_ (10)

append() methods (4): \_\_\_15\_\_\_\_\_\_\_ (15)

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

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

deleteCharAt() method: \_\_\_5\_\_\_\_\_\_\_ (5)

indexOf() method: \_\_\_15\_\_\_\_\_\_\_ (15)

insert() methods (3): \_\_\_15\_\_\_\_\_\_\_ (15)

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

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

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

lastIndexOf() method: \_\_\_15\_\_\_\_\_\_\_ (15)

regMatch() method: \_\_\_25\_\_\_\_\_\_\_ (25)

No unnecessary copying / traversing done: \_\_\_20\_\_\_\_\_\_\_ (20)

Three test files run and output matches: \_\_\_20\_\_\_\_\_\_\_ (20)

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

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

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

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

**On-time Submission Bonus:** \_\_\_\_5\_\_\_\_\_\_ (5)

**Extra Credit:**  \_\_\_10\_\_\_\_\_\_\_ (10)

**Late Penalty:** \_WAIVED\_ (-15)

**Total Score: \_\_115\_\_ (100)**

1. No credit will be given for any method that is implemented via iteration. Recursive methods may earn partial credit if they work in some cases but not in others. Trivial methods (ex: length()) and methods that were given to you (ex: toString()) are not included. As with Assignment 2, methods done in inefficient ways will also lose credit. [↑](#footnote-ref-1)