CS 0445 Fall 2021 Assignment 2

Name: _____

MyStringBuilder class[1]:

Only instance variables are firstC and length: _____ (10)

Constructor(s):   _____ (15)

append() methods (4):   _____ (20)

charAt() method: _____ (5)

delete() method: _____ (15)

deleteCharAt() method (incl. spec. case for last char)   _____ (10)

indexOf() method: _____ (20)

insert() methods (2):   _____ (15)

replace() method: _____ (15)

substring() method: _____ (10)

revString() method: _____ (5)

"cascading" operations work   _____ (10)

No unnecessary copying / traversing done: _____ (15)

Assig2.java runs as is and output matches A2Out.txt: _____ (10)

Assig2B.java program runs and output is reasonable: _____ (15)

Assignment Information Sheet/Submission: _____ (5)

Documentation: _____ (5)

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[1] Points for MyStringBuilder are based functionality, style and efficiency of the code. Poorly designed methods may lose points even if they work correctly. MyStringBuilder must be implemented as specified (**circular, doubly-linked list**) to receive credit.

Subtotal Points: _____ (200)

Normalized Points (Subtotal/2.0): _____ (100)

Late Penalty: _____ (-15)

Extra Credit: _____ (10)

Total Score: _____ (100)