



DREW WOLFE | ONID: WOLFEDR
CS 362-400 WINTER 2018
ASSIGNMENT: RANDOM TESTING QUIZ

My initial thought was to specifically target “restax(){}[“ as per testme(), but I wanted to build something more flexible, in the event that testme() changes in the future and as a means to provide some degree of boundary test coverage. Therefore I essentially needed to cover all the “printable” ASCII characters. This worked, but I needed to then limit the characters to lowercase letters, spaces, and brackets to move through testme() states, and ultimately print “reset”.

To define the inputChar(), I needed the 96 ASCII chars post the first 32, so modulo 32 to 127. To define the inputString(), I set the size to the size of the testme() exit requirement and targeted the ASCII lowercase characters.

The tester seems to finish in ~20 seconds on average. I have peers that targeted the “restax (){}[” ASCII subset and produce incredible times, but I like that mine is “scalable” and I feel like I’ve learned something.