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CS362

Random Testing Quiz

The way I made my random generator was to make a global array that contained all the characters from a-z, including the required characters “{}[]()”. Input char simply used the rand() function to return a char from the array, while inputString used a for loop of size 5 to build up the string, again from randomly chosen chars. Since the string needed to be null terminated, I manually null terminated the string for the testing.

This approach worked well however it was getting close to the 5 minute time limit. As a result I limited the global array to include only those characters needed to produce the error. This sped up the time to finish significantly.