CS362

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Random Test Explanation:

Char inputChar()

The rand() function generates random random numbers. But we must add a modulus operator that has a range of 0-255 because that's the number of ASCII code that we want to test. Therefore, we perform rand() % 256, which will include all the ASCII code.

Char *inputString()

I want to test all the fixed capital letters of the alphabet. From A to Z. We first must define an array with all the letter of the alphabets, which is 26. Then we allocate memory for the array with the malloc function. Then we run for-loop that will assign random letters to randomString[i]. Then we must free with randomString with '\0'. Finally, we return the random strings.