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CS362

Random Testing Quiz

I developed my random tester by first checking that the rand() function was working properly. I did this by just assigning the value of the rand() function to a variable (inside the inputChar and inputString functions) and printing the variable.

Next, I started to develop the inputChar function. I did this by using the random variable to generate a random character between the decimal values 32 and 125 on an ascii table, and returning said value as a character.

My third step was to develop the inputString function. I started to do this in a similar way to my inputChar function. I assigned the value of rand() to a variable, and then I created an array containing the alphabet in all lowercase letters. My function then selects a random character from the alphabet array, and appends it to the end of a string. This process happens five times, and then a null terminator is added to the end of the string, and the string is returned.