

Random Testing Quiz Documentation

The random tester the goal is to write code for the functions `inputChar` and `inputString` to generate valid random inputs. The random inputs should be in the valid range for the test to be effective. For the `inputChar` function we are using the `rand` function to come up with a random char that is valid within the ascii char range which is why `%256` is there. Every time the `rand()` function is called a valid char will be generated between 0 to 255. As for the `inputString` function, a static char array is created which is where the random string is stored. The size of the defined static array is the same which is being compared in the base function. After this a temporary string is defined. This temporary string has the set of all the characters used in the base function. Since the number of characters present in the character set is 13 we generate a random number within the range of 0-12 which is why `rand()%12`. Then the random string is populated using generated random characters.