Les 4

*#!/usr/bin/env python3*from random import randint *#importing a random number generator in order to have varying input every time the program is run.*number = int(randint(0,100))  
text = str('A piece of placeholder text')  
*#theList.append(randint(5,10))  
#additions = range(randint(0,15))*randomList = []  
  
  
def measure(num1,string1,list1):  
  
 *'''Measure(<int>,<string>,<list>)  
 A function that measures the length of an integer and a string, and appends the list  
 The list is appended by C entries of D, where C is a random number between 0 and B, and d is a random number between 0 and A.  
 A is the value of the number input, while B is the length of the string.  
 '''* for i in range(0,randint(1,len(string1))):  
 randomList.append(randint(0,number))  
 print(id(num1))  
 print('the number is',num1)  
 print('the length of the number is',len(str(num1)))  
 print(id(string1))  
 print('the string is',string1)  
 print('The length of the string is',len(string1))  
 print(id(list1))  
 print('the list is',list1)  
 print('The length of the randomized list is:', len(list1))  
 return(list1)  
  
  
print(measure(number,text,randomList))