**String Question**

1. Write a Python program to calculate the length of a string.
2. Write a Python program to count the number of characters (character frequency) in a string.

Example: - “google.com

Output :- {'g': 2, 'o': 3, 'l': 1, 'e': 1, '.': 1, 'c': 1, 'm': 1}

1. Write a Python program to get a string made of the first 2 and last 2 characters of a given string. If the string length is less than 2, return the empty string instead.

Example:- 'w3resource'

Output: - w3ce.

1. Write a Python program to get a string from a given string where all occurrences of its first char have been changed to '$', except the first char itself.  
   Sample String : 'restart'  
   Expected Result : 'resta$t'.
2. Write a Python program to get a single string from two given strings, separated by a space and swap the first two characters of each string.

A = ‘abc’

b = ‘xyz’

output = xyc abz.

1. Write a Python program to add 'ing' at the end of a given string (length should be at least 3). If the given string already ends with 'ing', add 'ly' instead. If the string length of the given string is less than 3, leave it unchanged.  
   Sample String : 'abc'  
   Expected Result : 'abcing'  
   Sample String : 'string'  
   Expected Result : 'stringly'.
2. Write a Python function that takes a list of words and return the longest word and the length of the longest one.  
   Sample Output:  
   Longest word: Exercises  
   Length of the longest word: 9