**LAB ASSIGNMENT NUMBER 5 (Strings)**

1. Write a program that takes your full name as input and displays the abbreviations of the first and middle names except the last name which is displayed as it is. For example, if your name is Suman Kumari Garg, then the output should be S.K. Garg.
2. Write a Python program to get a string made of the first 2 and the last 2 chars from a given a string. If the string length is equal to 2 then print the two characters 2 times, if the string is less than 2, print empty string.

**Sample String** : Python Program' Expected Result : 'Pyam' **Sample String** : 'A1' Expected Result : 'A1A1' **Sample String** : ' P' Expected Result : Empty String

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.

**Example** –

**Input** : appearance

**Output** appe$r$nce

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' then add 'ly' instead. If the string length of the given string is less than 3, leave it unchanged.
2. Write a Python program to find the first appearance of the substring 'not' and 'poor' from a given string, if 'not' follows the 'poor', replace the whole 'not'...'poor' substring with 'good'. Print the resulting string. Go to the editor Sample String : 'The lyrics is not that poor!' 'The lyrics is poor!' Expected Result : 'The lyrics is good!' 'The lyrics is poor!'
3. Write a program to find the number of vowels, consonents, digits and white space characters in a string.
4. Check the occurrence of the letter 'e' and the word 'is' (as an individual word) in a sentence inputted from user.

**Example :** "This is umbrella".

**Output:** is = 1

**e = 1**

# program to abbreviate a name and print the surname

name = input("\nEnter your name : ")

# splitting string into a list

name\_list = name.split()

new = ""

for i in range(len(name\_list) - 1):

s = name\_list[i]

new += (s[0].upper() + '.')

new += name\_list[-1].title()

print(new)

OUTPUT :

Graphical user interface, text, application

Description automatically generated