## **Programs of String:**

- 1. Write a program to print every character of a string entered by user in a new line using loop.
- 2. Write a program to find the length of string entered by user without using len function.
- 3. Write a program to check if the letter is present in the word or not.
- 4. Write a program to check if the word is present in the sentence or not.
- 5. Write a program to find the first and the last occurrence of the letter in a String.
- 6. 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 Robert Brett Roser, then the output should be R.B.Roser.
- 7. Write a program to find the number of vowels, consonants, digits and white space characters in a string.
- 8. Write a program to make a new string with all the consonants deleted from a string.
- 9. 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.

Sample Input: abc xyz Sample Output: xyc abz 10. 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.

<u>Sample Input</u>: restart <u>Sample Output</u>: resta\$t

11. 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.

Sample String: 'abc'

Expected Result : 'abcing'

Sample String: 'string'

Expected Result : 'stringly'

- 12. Write a Python program to change a given string to a new string where the first and last chars have been exchanged.
- 13. Write a Python program to remove the nth index character from a nonempty string.
- 14. Write a Python program to remove the characters which have odd index values of a given string.
- 15. Write a Python program to Removal all characters from a string except integers.