**\*\*\*String Programs\*\*\***

1. Write a Python program to calculate the length of a string.

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 less than 2, return instead of the empty string.

Sample Input: 'Impetus'

Expected Output: 'Imus'

Sample Input: 'I'

Expected Output: Empty String

3. 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 Input: 'restart'

Expected Output: 'resta$t'

4. 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 Input: 'run'

Expected Output: 'runing'

Sample Input: : 'string'

Expected Output: : 'stringly'

5. Write a Python program to remove the nth index character from a nonempty string.

6. 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'

Expected Output: 'xyc abz'

7. Write a Python program to remove the characters which have odd index values of a given string.

8. Write a Python program to count occurrences of a substring in a string

9. Write a program that uses split() to split a multiline string.

10. Write a program that accepts a string from user and redisplays the same string after removing vowels from it.

11. Write a program to reverse a string.(without using slicing)

12. Write a program that accepts a string from user and counts occurrences of a character in a string. Do not use built-in function count().

13. Write a Python program to check if a string contains all letters of the alphabet.

14. Write a Python program to convert a string in a list.

15. Write a Python program to lowercase first n characters in a string.

16. Write a Python program to change a given string to a new string where the first and last characters have been exchanged.

Sample Input: ‘Impetus’

Expected Output: 'smpetusI'

17. Write a Python program to remove newline characters from the text.

18. Write a Python program to check whether a string starts with specified characters.

19. Write a Python program to print floating numbers upto two decimal places.

20. Write a Python program to create a mirror of the given string.

Sample Input: ‘ABC’

Expected Output: 'CBA'

21. Write a Python program to insert a string in another string.

22. Write a Python program to remove all the occurrences of a given word from the string.

23. Write a Python program to concatenate two strings in a third string. Do not use + operator.

24. Write a Python program to replace a string with another string. Do not use the replace().

25. Write a Python program to read a name from the user and prints its abbreviated form.

Sample Input: ‘Sachin Ramesh Tendulkar’

Expected Output: 'SRT'