FREEDOM INTERNATIONAL SCHOOL
COMPUTER SCIENCE-083

STRING PROGRAMS

1. WAP to print all the characters in a string till the first occurrence of the letter 'a'.
2. WAP to count the number of times letter 't' appears in a string.
3. WAP to accept a string and form a new string with reverse of it. (Don't use string slicing or functions)
4. WAP to form a new string by replacing all the occurrences of spaces with '#' in a string without using built in functions.
5. WAP to check if a string is palindrome or not. Don't make a new string.
6. WAP to convert the first letter of each word in a string to capital letter.(Don't use built in functions)
7. WAP to count the number of words ending with letter y in a string. For example, if the string is: Shall I compare thee to a summer's day? Thou art more lovely and more temperate: Rough winds do shake the darling buds of May, And summer's lease hath all too short a date.
   The output should be: 3 because words are: day?, lovely and May,
8. WAP to count the number of words in a string without using built in function.
9. WAP to print the number of occurrences of a substring in a string without using built in functions.
10. WAP to capitalize the first and last character of each word in a string
11. WAP to accept a string from user and display the common word in both the strings.
12. Write a Python program to count the number of strings of length 2 or more and the first and last character are same from a given list of strings
13. WAP to reverse all the words in a given string.
14. WAP to accept a string and display the smallest and largest words in the string.
15. WAP to accept a string and display the longest substring having just consonants.
16. WAP to remove all the duplicate characters from the string.
    For Example:
    Input: abbcsdefghhkss and **Output:** abcsdefghks
17. WAP to count the frequency of the consecutive characters in a string.
    The original string is: abbccdefghhhiijk
    The Consecutive characters frequency: [1, 2, 2, 1, 1, 1, 1, 3, 2, 1, 1]
18. Given a String and a character K, find longest substring length of K.
    Input : test_str = 'abcaaaacbbaa', K = b
    Output : 2
    Explanation : b occurs twice, 2 > 1.
    Input : test_str = 'abcaacccbbaa', K = c
    Output : 3
    Explanation : Maximum times c occurs is 3.