

## Strings

**Task 1:** Write a program to find length of a string using loop.

**Task 2:** Write a program to concatenate two different strings into single string

**Task 3:** Write a program to compare two strings using loop character by character

**Task 4:** Write a program to convert string from lowercase to uppercase string using loop, without using inbuilt function toUpperCase().

**Task 5:** Write a program to convert string from uppercase to lowercase string using loop, without using inbuilt function toLowerCase().

**Task 6:** Write a program to toggle case of each characters of a string using loop without using inbuilt function toLowerCase() and toUpperCase().

**Task 7:** Write a program to count total number of alphabets, digits or special characters in a string using loop

**Example:**

Input string: I love programming.

Output: Alphabets = 16

Digits = 0

Special character = 3

Total length = 19

**Task 8:** Write a program to find total number of vowels and consonants in a string using loop and if else.

**Example:**

Input text: I love programming

Total Vowels = 6

Total Consonants = 10

**Task 9:** Write a program to count total number of words in a string using loop.

**Example:**

Input string: I love Java programming

Total number of words: 4

**Task 10:** Write a program to find reverse of a given string using loop

**Example:**

Input string: Hello

Output reverse string: olleH

**Task 11:** Write a program to input any string from user and reverse the order of words.

**Example:**

Input string : I love programming and learning Java.

Output string: Java learning and programming love I

**Task 12:** Write a program to input any string from user and find the first occurrence of a given character in the string.

**Example:**

Input string: I love programming.

Input character: o

Output: 3

**Task 13:** Write a program to input any string from user and find the last occurrence of a given character in the string.

**Example:**

Input string: I love programming.

Input character: o

Output: 9

**Task 14:** Write a program to search all occurrences of a character in a string using loop.

**Example:**

Input string: I love programming. I love Java.

Input character to search: o

Output 'o' found at index: 3, 9, 23

**Task 15:** Write a program to count all occurrences of a character in a string using loop

**Example:**

Input string: I love programming. I love coding. I love IT Talents.

Input character to search: o

Output total occurrences of 'o': 5

**Task 16:** Write a program to find maximum occurring character in a string using loop.

**Example:**

Input any string: I want to be Java programmer.

Output maximum occurring character: 'a'

**Task 17:** Write a program to find minimum occurring character in a string using loop.

**Example:**

Input string: I love Java programming!

Output lowest frequency: 'l' = 1

**Task 18:** Write a program to count frequency of each character in a string using loop.

**Example:**

Input string: Hello

Output frequency of each character:

e=1

h=1

l=2

o=1

**Task 19:** Write a program to read any string from user and remove first occurrence of a given character from the string.

**Example :**

Input string: I Love Programming

Input character to remove: 'I'

Output: Love Programming

**Task 20:** Write a program to read any string from user and remove the last occurrence of a given character from the string.

**Example :**

Input string: I Love Programming

Input character to remove: 'g'

Output: I Love Programmin

**Task 21:** Write a program to remove all occurrences of a given character from the string

**Example:**

Input string : I Love Programming

Input character to remove : 'r'

Output : I Love Pogamming

**Task 22:** Write a program to remove all repeated characters in a string

**Example:**

Input string: Programming in Java!

Output after removing duplicate: Progamin Jv!

**Task 23:** Write a program to replace first occurrence of a character with another character in a string.

**Example:**

Input string: I love programming.

Input character to replace: o

Input character to replace with: y

Output after replace: I lyve programming!

**Task 24:** Write a program to replace last occurrence of a character with another in a given string.

**Example:**

Input string: I love programming.

Input character to replace: r

Input character to replace with: f

Output after replace: I love proframming!

**Task 25:** Write a program to replace all occurrence of a character with another in a string using method.

**Example:**

Input string: I love Java programming!

Input character to replace: a

Input character to replace with: u

Output after replace: I love Juvu programming!

**Task 26:** Write a program to find the first occurrence of word in a string

**Example:**

Input string: I love programming!

Input word: love

Output: love is present at index 2.

**Task 27:** Write a program to find last occurrence of a word in given string.

**Example:**

Input string: I love programming. I love coding.

Input word: love

Output last index: 22

**Task 28:** Write a program to count occurrences of a word in a given string

**Example:**

Input string: I love programming. I love coding.

Input word to search: love

Output total occurrences of 'love': 2

**Task 29:** Write a program to input any string from user and remove first occurrence of a given word from string

**Example:**

Input string : I love to code.

Input word to remove : to

Output : I love code.

**Task 30:** Write a program to remove all occurrences of a given word in string

**Example:**

Input string: I love programming. I love coding.

Input word to remove: I

Output after deleting 'I': love programming. love coding.

**Task 31:** Write a program to trim leading white space characters from a given string

**Example:**

Input string:     Lots of leading space.

Output: Lots of leading space.

**Task 32:** Write a program to trim trailing white space characters in a string

**Example:**

Input string: "Lots of trailing white spaces.     "

Output string: "Lots of trailing white spaces."