

आम्ही टेक्नीकल संस्कार करतो !



## Assignment on String in C

Write a C program to accept string with multiple spaces from user and print as it is.

Write a C program to accept string with multiple spaces from user and print it with a single space as a delimiter.

Eg:

Input String:     \_\_\_\_\_India\_\_\_\_\_is\_my\_\_\_\_\_country\_\_\_\_\_

Output String:     India\_is\_my\_country             (Consider \_ as space)

Write a C program to print count of number characters in given string.

Write a C program to accept string and print it in the reverse order.

Eg:

Input String:     India is my country

Output String:     yrtnuoc ym si aidnI

Write a C program to count count of number of vowels and number of consonants in the given string.

Write a C program to reverse a given string as below.

Eg:

Input String:     India is my country

Output String:     aidnI si ym yrtnuoc

Write a C program to replace space with '\$' in given string.

Eg:

Input String:     India is my country

Output String:     India\$is\$my\$coutry

Write a program which accept sentence from user and print number of words from that sentence.

Input String:     India\_is\_my\_country

Output:             4

Input String:     \_\_\_\_\_India\_\_\_\_\_is\_\_\_\_\_my\_\_\_\_\_country\_\_\_\_\_ (Consider \_ as space)

Output:             4

Write a C program to replace Good names in mail.

Eg:

Raw String:       Hello GoodName

Input String:     India

Output String:    Hello India

Input String:     Sangamner

Output String:    Hello Sangamner

Input String:     technOrbit

Output String:    Hello technOrbit

Write a C program to print all fibonacci series upto each ASCII code of alphabates in given string.

Write a C program which accepts a string from user which contains a characters from 'b' to 'y'.

Eg:

Input String: mn jn kn kazfd  
Output String: mn jn kn k

Write a C program which accept sentence from user and print number of small letters, capital letters, Spaces and digits from that sentence.

Eg:

Input String: abcDE 5Glm1 O  
Output String: Small: 5 Capital: 4 Digits: 2 Spaces: 2

Write a C program which accept sentence from user and print number of white spaces from that sentence.

Eg:

Input String: India is my country  
Output: 3

Write a C program which accept sentence from user and print number of words of even and odd length from that sentence.

Eg:

Input String: India is my country. I love my country.  
Output : Even: 5 Odd: 2

Write a C program which accept sentence from user and print last word from that sentence.

Eg:

Input String: India is my country  
Output String: country

Write a C program which accept sentence from user and position from user and print the word at that position.

Eg:

Input String: India is my country  
Input Position: 3  
Output String: my

Write a C program to convert the string from upper case to lower case.

Eg:

Input String: India Is My Country  
Output String: india is my country

Write a C program which toggles the case of a string.

Eg:

Input String: technOrbit Infosystems  
Output String: TECHNoRBIT iNFOSYSTEMS

Write a C program to check whether given strings are Anagram strings or not.

Eg:

Input String1: abccd

Input String2:        cbcda  
Output String:        Strings are anagram

Write a C program which accept string from user and copy that string into some another string.

Write a program which accept string from user and copy first N charaters into some destination string.

Eg:

Input String:        India is my country  
Input of N:         8  
Output String:        India is

Write a C program which accept string from user and accept number N then copy last N character into some another string.

Eg:

Input String:        India is my country  
Input of N:         5  
Output String:        is my

Write a C program which accept two strings from user and append second string after first string.

Eg:

Input String:        India Country  
Output String:        IndiaCountry

Write a C program which accept two strings from user and append N characters of second string after first string.

Eg:

Input String:        India Country  
Input of N:         4  
Output String:        IndiaCoun

Write a C program which accept two strings from user and compare two strings. If both strings are equal then return 0 otherwise return difference between first mismatch character.

Eg:

Input String1:        India is my country.  
Input String2:        India is my country.  
Output:                Both strings are equal.

Write a C program which accept two strings from user and compare only first N characters of two strings. If both strings are equal till first N characters then return 0 otherwise return difference between first mismatch character.

Eg:

Input String1:        Ramayan  
Input String2:        Ramanacharya  
Input of N:         4  
Output:                Both strings are equal.

Write a C program which accept two strings from user and compare two strings without case sensitivity. If both strings are equal then return 0 otherwise return difference between first mismatch character.

Eg:

Input String1:	india Is mY cOuntry
Input String2:	INDIA is MY countrY
Output:	Both strings are equal.

Write a C program which accept string from user and then reverse the string till first N characters without taking another string.

Eg:

Input String:	India is my country
Input of N:	8
Output :	m si aidnIy country

Write a C program which accept string from user and then accept range and reverse the string in that range without taking another string.

Eg:

Input String:	India is my country
Input of N1:	3
Input of N2:	9
Output String:	Indm si aicountry

Write a C program which accept string from user and reverse words from that string which are of even length.

Eg:

Input String:	India is my country. I love my country.
Output String:	India si ym .yrtnuoc I evol ym . Yrtnuoc

Write a C program which accept string from user and check whether string is palindrome or not.

Eg:

Input String:	level
Output String:	String is palindrome.

Write a C program to count number of alphabates, spaces and words in given string.