



C Language: Assignment on String

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

2. 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)

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

4. 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

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

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

Eg:

Input String: India is my country

Output String: aidnI si ym yrtnuoc

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

Eg:

Input String: India is my country

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

8. 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

9. 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

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

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

Eg:

Input String: mn jn kn kazfd

Output String: mn jn kn k

12. 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

13. 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

14. 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

15. 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

16. 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

17. 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

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

Eg:

Input String: technOrbit Infosystems

Output String: TECHNoRBIT iNFOSYSTEMS

19. 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

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

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

Eg:

Input String: India is my country

Input of N: 8

Output String: India is

22. 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

23. 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

24. 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

25. 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.

26. 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.

27. 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.

28. 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

29. 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 N1: 9

Output String: Indm si aicountry

30. 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

31. 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.

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