

Programming Questions on C String

1. Write a program in C to input a string and print it.
2. Write a program in C to find the length of a string without using library function.
3. Write a program in C to separate the individual characters from a string. Test Data :
4. Write a program in C to print individual characters of string in reverse order.
5. Write a program in C to count the total number of words in a string.
6. Write a program in C to compare two strings without using string library functions.
7. Write a program in C to count total number of alphabets, digits and special characters in a string.
8. Write a program in C to copy one string to another string.
9. Write a program in C to count total number of vowel or consonant in a string.
10. . Write a program in C to find maximum occurring character in a string.
11. Write a C program to sort a string array in ascending order.
12. Write a program in C to extract a substring from a given string.
13. Write a C program to check whether a given substring is present in the given string.
14. Write a program in C to read a sentence and replace lowercase characters by uppercase and vice-versa.
15. Write a program in C to find the number of times a given word 'the' appears in the given string.
16. Write a program in C to remove characters in String Except Alphabets.
17. Write a program in C to Find the Frequency of Characters.
18. Write a program in C to Concatenate Two Strings Manually.
19. Write a program in C to find the largest and smallest word in a string.
20. Write a program in C to convert a string to uppercase.
21. Write a program in C to convert a string to lowercase.
22. Write a program in C to check whether a character is Hexadecimal Digit or not.
23. Write a program in C to check whether a letter is uppercase or not.
24. Write a program in C to replace the spaces of a string with a specific character.
25. Input a string : Be glad to see the back of Input replace character : *
26. Expected Output :
27. After replacing the space with * the new string is :
28. Be*glad*to*see*the*back*of*
29. Write a program in C to count the number of punctuation characters exists in a string.
30. Input a string : The quick brown fox, jumps over the, lazy dog.
31. Expected Output :
32. The punctuation characters exists in the string is : 3

33. Write a program in C to print only the string before new line character.
34. Note: `isprint()` will only print line one, because the newline character is not printable.
35. Expected Output :
36. The quick brown fox
37. Write a program in C to check whether a letter is lowercase or not.
38. Test Data :
39. Input a character : w
40. Expected Output :
41. The entered letter is a lowercase letter.
42. Write a program in C to check whether a character is digit or not.
43. Write a program in C to split string by space into words.
44. Test Data :
45. Input a string : this is a test string
46. Expected Output :
47. Strings or words after split by space are :
48. this
49. is
50. a
51. test
52. string .
53. Write a C programming to find the repeated character in a given string.
54. Write a C programming to count of each character in a given string.
55. Write a C programming to convert vowels into upper case character in a given string.
56. Length of the string without using `strlen()` function
57. Toggle each character in a string
58. Count the number of vowels
59. Remove vowels from a string
60. String is a palindrome or not
61. Sorting a string in alphabetical order
62. Removing brackets from an algebraic expression
63. Remove characters in a string except alphabets
64. Remove spaces from a string
65. Count the sum of numbers in a string
66. Capitalize the first and last letter of each word of a string

67. Frequency of characters in a string
68. Non-repeating characters in a string
69. Check if two strings are Anagram or not
70. Replace substring in a string
71. Count common subsequence in two strings
72. Reverse a string
73. Check if two strings match where one string contains wildcard characters
74. Write a C program to compare two strings.
75. Write a C program to convert lowercase string to uppercase.
76. Write a C program to convert uppercase string to lowercase.
77. Write a C program to find total number of alphabets, digits or special character in a string.
78. Write a C program to count total number of vowels and consonants in a string.
79. Write a C program to count total number of words in a string.
80. Write a C program to check whether a string is palindrome or not.
81. Write a C program to reverse order of words in a given string.
82. Write a C program to find first occurrence of a character in a given string.
83. Write a C program to find last occurrence of a character in a given string.
84. Write a C program to search all occurrences of a character in given string.
85. Write a C program to count occurrences of a character in given string.
86. Write a C program to find highest frequency character in a string.
87. Write a C program to find lowest frequency character in a string.
88. Write a C program to count frequency of each character in a string.
89. Write a C program to remove first occurrence of a character from string.
90. Write a C program to remove last occurrence of a character from string.
91. Write a C program to remove all occurrences of a character from string.
92. Write a C program to remove all repeated characters from a given string.
93. Write a C program to replace first occurrence of a character with another in a string.
94. Write a C program to replace last occurrence of a character with another in a string.
95. Write a C program to replace all occurrences of a character with another in a string.
96. Write a C program to find first occurrence of a word in a given string.
97. Write a C program to find last occurrence of a word in a given string.
98. Write a C program to search all occurrences of a word in given string.
99. Write a C program to count occurrences of a word in a given string.
100. Write a C program to remove first occurrence of a word from string.

101. Write a C program to remove last occurrence of a word in given string.
102. Write a C program to remove all occurrence of a word in given string.
103. Write a C program to trim leading white space characters from given string.
104. Write a C program to trim trailing white space characters from given string.
105. Write a C program to trim both leading and trailing white space characters from given string.
106. Write a C program to remove all extra blank spaces from given string.
107. Program to compare two strings
108. Program to remove both leading and trailing whitespace in the string
109. Program to replace all occurrence of the character in a string
110. Program to remove all occurrence of the character in the string
111. Program to convert the string from uppercase to lowercase
112. Program to convert the string from lowercase to uppercase