GeeksforGeeks
A computer science portal for geeks

IDE   Q&A   GeeksQuiz

CATEGORY ARCHIVES: STRINGS

Questions related to strings

Given an array of strings, find if the strings can be chained to form a circle

Given an array of strings, find if the given strings can be chained to form a circle.

July 23, 2014

112 Comments Category: Graph Strings

Given a sorted dictionary of an alien language, find order of characters

July 22, 2014

Given a sorted dictionary (array of words) of an alien language, find order of characters in the language.

54 Comments Category: Graph Strings

Anagram Substring Search (Or Search for all permutations)

July 19, 2014

Given a text txt[0..n-1] and a pattern pat[0..m-1], write a function search(char pat[], char txt[]) that prints all occurrences of pat[] and its permutations (or anagrams) in txt[]. You may assume that n > m.

58 Comments Category: Strings Tags: Pattern Searching

Find Excel column name from a given column number

July 18, 2014

MS Excel columns has a pattern like A, B, C, … ,Z, AA, AB, AC,…. ,AZ, BA, BB, … ZZ, AAA, AAB ….. etc. In other words, column 1 is named as "A", column 2 as "B", column 27 as "AA".

43 Comments Category: Strings

Count Possible Decodings of a given Digit Sequence

July 15, 2014

Let 1 represent 'A', 2 represents 'B', etc. Given a digit sequence, count the number of possible decodings of the given digit sequence.

90 Comments Category: Strings Tags: Dynamic Programming , Fibonacci numbers , MathematicalAlgo

Check if a given string is a rotation of a palindrome

June 10, 2014

Given a string, check if it is a rotation of a palindrome. For example your function should return true for "aab" as it is a rotation of "aba".

84 Comments Category: Strings

Print all possible words from phone digits

April 27, 2014

Before advent of QWERTY keyboards, texts and numbers were placed on the same key. For example 2 has "ABC" if we wanted to write anything starting with 'A' we need to type key 2 once.

46 Comments Category: Strings

Printing Longest Common Subsequence

April 23, 2014

Given two sequences, print the longest subsequence present in both of them.

30 Comments Category: Strings

Suffix Array | Set 2 (nLogn Algorithm)

April 10, 2014

A suffix array is a sorted array of all suffixes of a given string.

33 Comments Category: Strings Tags: Advance Data Structures , Advanced Data Structures

Rearrange a string so that all same characters become d distance away

March 7, 2014

Given a string and a positive integer d. Some characters may be repeated in the given string.

33 Comments Category: Strings Tags: Greedy Algorithm

Recursively remove all adjacent duplicates

October 10, 2013

Given a string, recursively remove adjacent duplicate characters from string. The output string should not have any adjacent duplicates. See following examples.

175 Comments Category: Strings

Find the first non-repeating character from a stream of characters

October 8, 2013

Given a stream of characters, find the first non-repeating character from stream. You need to tell the first non-repeating character in O(1) time at any moment.

68 Comments Category: Strings

Dynamic Programming | Set 33 (Find if a string is interleaved of two other strings)

June 20, 2013

Given three strings A, B and C. Write a function that checks whether C is an interleaving of A and B.

125 Comments Category: Strings Tags: Dynamic Programming

Remove "b" and "ac" from a given string

May 19, 2013

Given a string, eliminate all "b" and "ac" in the string, you have to replace them in-place, and you are only allowed to iterate over the string once. (Source Google Interview Question)

161 Comments Category: Strings

Dynamic Programming | Set 29 (Longest Common Substring)

May 3, 2013

Given two strings 'X' and 'Y', find the length of the longest common substring. For example, if the given strings are "GeeksforGeeks" and "GeeksQuiz", the output should be 5 as longest common substring is "Geeks"

61 Comments Category: Strings Tags: Dynamic Programming

Write your own atoi()

April 15, 2013

The atoi() function takes a string (which represents an integer) as an argument and returns its value.

43 Comments Category: Strings

String matching where one string contains wildcard characters

April 11, 2013

Given two strings where first string may contain wild card characters and second string is a normal string. Write a function that returns true if the two strings match.

80 Comments Category: Strings Tags: Pattern Searching

Count words in a given string

February 13, 2013

Given a string, count number of words in it. The words are separated by following characters: space (' ') or new line ('\n') or tab ('\t') or a combination of these.

81 Comments Category: Strings

Given a sequence of words, print all anagrams together | Set 2

October 25, 2012

Given an array of words, print all anagrams together. For example, if the given array is {"cat", "dog", "tac", "god", "act"}, then output may be "cat tac act dog god".

32 Comments Category: Strings Tags: Advance Data Structures

Given a sequence of words, print all anagrams together | Set 1
October 24, 2012

Given an array of words, print all anagrams together. For example, if the given array is {"cat", "dog", "tac", "god", "act"}, then output may be "cat tac act dog god".

64 Comments Category: Strings

Contact Us!   About Us!   Advertise with us!