

deepak

Practice Questions

Deletion in BST

Rotate a $n \times n$ Image by 90 degrees CW

Merge K-Sorted Arrays

You are given a linked list such that each node has a pointer to next node and an additional random pointer, which could point to any node in the list or null. Duplicate the linked list in $O(n)$

<https://www.hackerrank.com/challenges/journey-to-the-moon/>

 spoj.com

SPOJ.com - Problem HOLI

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<http://www.ideserve.co.in/learn/number-of-clusters-of-1s>

 IDeserve

Number of clusters of 1s OR Number of Islands

Given a 2D matrix of 0s and 1s, find total number of clusters formed by elements with value 1. For example, in the below shown 2D matrix there are total three such clusters. This problem is also known as 'Number of Islands' problem.

Number of clusters of 1s OR Number of Islands

<http://www.geeksforgeeks.org/detect-cycle-in-a-graph/>

 GeeksforGeeks

Detect Cycle in a Directed Graph - GeeksforGeeks

Given a directed graph, check whether the graph contains a cycle or not. Your function should return true if the given graph contains at least... Read More »

Apr 4th, 2012 at 12:50 AM



<http://www.geeksforgeeks.org/detect-cycle-undirected-graph/>

 GeeksforGeeks

Detect cycle in an undirected graph - GeeksforGeeks

Given an undirected graph, how to check if there is a cycle in the graph? For example, the following graph has a cycle 1-0-2-1. Recommended... Read More »

Oct 12th, 2013 at 1:52 AM



<https://www.quora.com/Are-there-any-good-resources-or-tutorials-for-dynamic-programming-besides-the-TopCoder-tutorial>

-Problem stated in Michal Danilák's Answer

Given a cost matrix $Cost[][]$ where $Cost[i][j]$ denotes the Cost of visiting cell with coordinates (i,j) , find a min-cost path to reach a cell (x,y) from cell $(0,0)$ under the condition that you can only travel one step right or one step down. (We assume that all costs are positive integers)

Longest Increasing Subsequence: The Longest Increasing Subsequence (LIS) problem is to find the length of the longest subsequence of a given sequence such that all elements of the subsequence are sorted in increasing order. For example, the length of LIS for {10, 9, 3, 5, 4, 11, 7, 8} is 4 and LIS is {3, 4, 7, 8}.

<http://www.spoj.com/problems/EDIST/>

 [spoj.com](http://www.spoj.com)

SPOJ.com - Problem EDIST

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<http://www.spoj.com/problems/KNAPSACK/>

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<http://www.spoj.com/problems/BUSYMAN/>

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<http://www.spoj.com/problems/RMID/>

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<http://www.spoj.com/problems/BRIDGE/>

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<https://www.topcoder.com/community/data-science/data-science-tutorials/using-tries/>

<https://www.hackerrank.com/challenges/ctci-contacts>



Cracking the Coding Interview Video Tutorial

Learn the secrets on how to pass technical interviews. Gayle Laakmann McDowell, author of bestselling book Cracking the Coding Interview, explains how to solve common coding questions. Get insider tips on how companies evaluate your interviews.



<http://www.geeksforgeeks.org/trapping-rain-water/>



Trapping Rain Water - GeeksforGeeks

Given n non-negative integers representing an elevation map where the width of each bar is 1, compute how much water it is able to trap... Read More »

Aug 16th, 2015 at 11:11 PM



<http://www.spoj.com/problems/ARRAYSUB/>



SPOJ.com - Problem ARRAYSUB

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<http://www.spoj.com/problems/HOLI/>



SPOJ.com - Problem HOLI

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https://people.cs.clemson.edu/~bcdean/dp_practice/

-You may use Internet explorer to watch video