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Amazon Interview | Set 17

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Online Written round :
5 programming questions. You have to answer within 2 hours.
1. Swap two nodes in a linked list
2. [Find kth smallest element in a binary search tree](#)
3. [Longest increasing subsequence in an array](#)
4. One DP program

Face to face interviews:

1st round :
1. [Find whether given tree is BST or not](#)
2. [Boundary traversal of a tree](#)
3. Print the border nodes of the tree

2nd round:
1. There are n number of points in a two-dimensional plane. Find two nearest points
2. There are n number of points in a two-dimensional plane. Given a point find k nearest points to it.

3rd round:
1. [Given a matrix with random numbers in it, If a location has 1, make all the elements of that row and column as 1](#)
2. [Given a matrix, find whether you can form the given number in](#)

4th round:
1. Write a program to list all the possible words from the given set of data in the same order. (eg: given word: nokiamobile O/P: nokia mobile: given word: samsung O/P: 1. SAMSUNG 2.SAM SUNG(considering sam as a word))
2. Given two trees, find whether they are from same set of dataset or not.
3. Thread pool implementation.

This article is compiled by **Yogesh**. Many Many congratulations to Yogesh for his selection. If you like GeeksforGeeks and would like to contribute, you can also write an article and mail your article to contribute@geeksforgeeks.org. See your article appearing on the GeeksforGeeks main page and help other Geeks.

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