Amazon's most asked interview questions

1) K largest elements from a big file or array.

2) Find a triplet a, b, c such that a^2 2 2 e find a triplet with sum equal to 0. Find a pair with given sum. All such questions are efficiently solved using hashing. – Practice here

3) Binary tree traversal questions like left view, right view, top view, bottom view, maximum of a level, minimum of a level, children sum property, diameter etc.

4) Convert a Binary tree to DLL – Practice here

5) Lowest Common ancestor in a Binary Search Tree and Binary Tree.

7) Implement a stack with push(), pop() and min() in O(1) time.

8) Reverse a linked list in groups of size k – Practice here

9) Given two numbers represented by two linked lists, write a function that returns sum list – Practice here

10) Rotate a matrix by 90 degree.

11) Stock span problem

12) Next greater element

13) Some Dynamic Programming problems like:

- Maximum sum subarray such that no elements are consecutive – Practice here
- Edit distance
- Assembly line scheduling

14) Why Amazon?

15) Questions about projects done in previous company or final year.

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- Amazon Interview Experiences
- Amazon Practice Questions
- Amazon's most frequently asked Questions – Set 2

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