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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 = b^2 + c^2\$.](#) Variations of this problem like 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.](#)

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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](#)

12) Some Dynamic Programming problems like:

- [Maximum sum subarray such that no elements are consecutive](#) – Practice [here](#)
- [Edit distance](#)
- [Assembly line scheduling](#)

13) [Why Amazon?](#)

14) [Questions about projects done in previous company or final year.](#)

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