

Amazon Interview Experience | Set 294 (Experienced)

- Difficulty Level : [Hard](#)
- Last Updated : 26 Nov, 2019

Round 1

1. [Pivoted array search, modified that array can have duplicate values need to return first occurrence of element.](#)
2. [Is pair of given values present in BST or not?](#)

Round 2

1. In FB when we enter person name to search then there are multiple names FB gives us as a suggestion. Design a DS for showing these names. (gives him [trie](#) DS solution)
2. Behavioral Questions
 1. Things you learn in 3 years of experience which makes you different from fresher guy?
 2. Project description

Round 3

1. [LCA](#) in binary tree. Both elements' parent must not be equal to given elements.
2. [Check if pair is present in array or not. modified to return all unique pairs in it.](#)
3. [Integer stream is coming find largest K element. \(K is fixed\)](#)
4. [Design a DS where below operation is performed in O\(1\) time.](#)
 1. [Insert](#)
 2. [Delete](#)
 3. [Search](#)
 4. [GetRandom](#)

Round 4

1. Lot of discussion on projects. HLD and LLD of project.
2. There is a file of million numbers you have to find out largest k element.
3. [Give all pairs present in array. Duplicate can be present in it.](#)

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