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Amazon Interview Experience | 195 (On-Campus For SDE-1)

- Difficulty Level : \nHard
- Last Updated : \n28 Jun, 2019

20 mcqs \xe2\x80\x93 OS, Apti, Puzzles, C, DSA

2 coding \xe2\x80\x93

1. Merge intervals given in array
2. Variation of Josephus problem with $k=2$

Interview round 1

1. [Find Largest Sub-Matrix With All 1s](#) (Not Necessarily Square)
2. [Search element in a sorted rotated array](#) in only one (logn).

Some of my friends were asked \xe2\x80\x93

1. [Merge 2 BSTs](#)
2. [Diameter of Binary Tree](#)
3. [first positive element not in array](#)(unsorted)
4. [check binary tree is BST](#)
5. search an element in a very large array, you don't know it's size
6. [Decreasing sorted array given , make a balanced BST.](#)
7. [Generate all permutations of string.](#)
8. 2 unsorted arrays given, find if there BSTs will be same.
9. [Find a triplet a, b, c such that \$a^2 = b^2 + c^2\$.](#)
10. Convert a [BST into a DLL](#) and DLL to BST in place.

Interview Round 2

1. [Delete half nodes from binary tree](#)
2. [kth largest element in large array](#)
3. All strings possible from a no. for example 26, Ans `\xe2\x80\x93`
`\xe2\x80\x99``\xe2\x80\x9b``\xe2\x80\x9d``\xe2\x80\x9e``\xe2\x80\x9f``\xe2\x80\x91``\xe2\x80\x92``\xe2\x80\x93``\xe2\x80\x94``\xe2\x80\x95``\xe2\x80\x96``\xe2\x80\x97``\xe2\x80\x98``\xe2\x80\x99``\xe2\x80\x9a``\xe2\x80\x9b``\xe2\x80\x9c``\xe2\x80\x9d``\xe2\x80\x9e``\xe2\x80\x9f``\xe2\x80\x91``\xe2\x80\x92``\xe2\x80\x93``\xe2\x80\x94``\xe2\x80\x95``\xe2\x80\x96``\xe2\x80\x97``\xe2\x80\x98``\xe2\x80\x99``\xe2\x80\x9a``\xe2\x80\x9b``\xe2\x80\x9c``\xe2\x80\x9d``\xe2\x80\x9e``\xe2\x80\x9f`
4. [Implement a stack with push\(\), pop\(\) and min\(\) in O\(1\) time, using Class concept.](#)

Tips \xe2\x80\x93

Only Hardwork and practice helps. And of course your luck on interview day \xf0\x9f\x99\x82

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All Practice Problems for Amazon !

My Personal Notes\ *narrow drop up*

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