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Amazon interview Experience | Set 415 (For SDE-2)

- Difficulty Level :[Hard](#)
- Last Updated :[20 Aug, 2021](#)

Written :

1. Given a string and pattern with (*, ?) Check if it can match the string.
2. Find an element in first increasing and decreasing array. [GeeksforGeeks Link](#)

Round 1 :

1. Given an array of strings. Find all pairs which form palindrome. O(N) [GeeksforGeeks Link](#)
2. Celebrity problem. [GeeksforGeeks Link](#)

Round 2 :

1. Given a set of dependent tasks, find order for dependent tasks. Variation of [topological sort](#).
2. Count of paths from top left to right bottom in an array containing 0/1. Here 1 means blocked shell. You are allowed to move right or down. [GeeksforGeeks Link](#)

Round 3 :

1. Project discussion (Hint : Prepare your project well, with all ins and outs)
2. find maxsum in a binary tree. (node can have -ve numbers as well) [GeeksforGeeks Link](#)

Round 4 :

1. [Design Bookmyshow](#) : HLD, LLD and different race conditions discussion. scalability discussions
2. Given an integer array, find the number of merge operations required to make it a palindrome [GeeksforGeeks Link](#)

Round 5 :

1. Behavioral questions : conflicts, challenges, innovation
2. Project discussion
3. Design Restaurant booking application HLD and LLD. Write an algorithm to optimally assign tables for bookings.

My Personal Notes

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