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Amazon Interview Experience | Set 315

- Difficulty Level : [Medium](#)
- Last Updated : 08 Jul, 2019

Interviewed for Mumbai location.

Round 1 (Written round 45 min)

1. [Count the number of occurrences in a sorted array](#)
2. [In given range, print all numbers having unique digits](#). e.g. In range 1 to 20 should print all numbers except 11.
3. [Given a node, you can even find the next highest node](#) in $O(\log(n))$ time.

Round 2 :

1. Tell me about yourself
2. A $plus$ pattern of size 1 is defined as following :

```
1\n1 1\n\n1\n\n\n\nsize 2 :\n\n1\n\n1\n1\n\n1\n\n1
```

Find size of largest plus pattern in given 2D matrix which has only 0s & 1s.

Round 3:

1. check if a binary tree is BST or not [Check for BST](#)
2. Min Cost path : [Min Cost Path](#)
3. Check if two linked lists merge : [Intersection of Two Linked Lists](#)
4. Count ways to reach nth stair : [Count ways to reach the nth stair](#)

The guy opened geeksforgeeks link in front of me and was asking from there directly!

Round 4 (Skype Round):

1. Tell me about yourself.
2. Tell me most challenging project you did. 30 min detailed discussion about project. (So, choose answer to this wisely)
3. [Find the smallest window in a string containing all characters of another string](#)
4. How HashMap is implemented?

This is most favourite question of Amazon

Round 5 (Skype round):

1. Tell me about a situation when you had conflict with manager.
2. Tell me about situation you screwed up something.
3. What is the most technical challenging work you did?
4. [Implement LRU cache](#)

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Related Practice Problems

[Unique Numbers](#)

[Smallest window in a string containing all the characters of another string](#)

[All Practice Problems for Amazon !](#)

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