

Amazon Interview Experience for FTE | On-Campus 2020(Virtual)

- Difficulty Level :[Hard](#)
- Last Updated :27 Nov, 2020

Online Coding Round: 2 Coding questions based on tree and graph.

Round 1 (60 Minutes):

1. In a range of m and n print all the numbers having consecutive difference 1 between digits. (3 Approach)
2. Arrival and Departure of the train is given, you have to calculate the minimum number of Stations(2 Approach)

Round 2 (60 Minutes):

1. Given an array of candidates of a marathon, such that for every $a[i]$, $a[i]$ comes before $i+1$. (2 Approach)

If $a[i] = -1$, that means $a[i]$ is the winner.

Output the array with the ranking of candidates
2. Minimum number of Steps Knight will require reaching x,y position in infinite size Chess Board(2 Approach)

Round 3 (1 hr 45 Minutes):

1. Tell me About Yourself
2. Given a String having 0 and 1. Have to convert that string such that all 0 comes first and all 1 comes after 0 in a minimum number of flips

Ex.

00001000110111 output->2

3. Symmetric Tree(2 Approach)
4. kth largest element in running stream. (2 Approach)
5. Sorting(merge, Heap)
6. Heap sort Implementation
7. Thrashing
8. Deadlock
9. Polymorphism
10. Run-Time Polymorphism vs Compile Time Polymorphism (Example)

11. Inheritance vs Composition (Example)
12. TCP vs UDP
13. SQL vs NO SQL
14. Reason for Deadlock to occur
15. What happens when you type www.facebook.com

They took only 1 student and I can't make it.

My Personal Notes

Add your personal notes here

Save