b'

Amazon internship interview experience (on campus)

- Last Updated :\n16 Oct, 2019

Round 1: (1 hour and 20 minutes)

The first round was online test it was conducted in Hacker-rank Environment. It consists of the following sections:

- Technical aptitude \xe2\x80\x93 20 Questions
- Coding Question \xe2\x80\x93 2 Questions

\xc2\xa0

1. Input = {1, 0, 1, 1, 1, 0}

Where 1 represent the student standing and 0 represent the student sitting.

There is only one neighbour for left end and right end student remaining have two neighbours. If the neighbour of the two persons is sitting next time the person became standing. If the neighbour of the two persons is standing next time the person became sitting. The iteration repeats for N number of time.

Output = {0, 1, 0, 1, 1, 1}

\xc2\xa0

2. https://www.hackerrank.com/contests/dakshonline/challenges/yule-ball

I do only one coding question correctly with first output and 20 MCQ Questions.

\xc2\xa0

Round 2 (1 hour 30 miniutes)

Around 15 students were shortlisted for this Round.

- Construct a binary search tree form a linked list. (https://www.geeksforgeeks.org/sorted-linked-list-to-balanced-bst/)
- Staircase problem.
- Input arr[ ] = { 10, 20, 30, 40}

x=1, y=2, z=-10

Find the sub-array with the maximum sum such that multiply the x, y, z value with\xc2\xa0\xc2\xa0\xc2\xa0\xc2\xa0\xc2\xa0\xc2\xa0 the sub array and find the maximum sum.

Output : (-10 * 10 + 2 *\xc2\xa0 40 + 1 * 30) = 10 (Maximum sub array sum).

I do 2 problems with the optimised solution and third problem with brute force solution O(n^3). He wants only the optimised solution. He help me a lot to solve the problem but I can\xe2\x80\x99t able to solve it.

There is one more Technical Round I did not get through the round \xf0\x9f\x99\x81 .

[REJECTED]

The reason for rejection is not well and good in data structures and Algorithm concepts. Please refer the Geekforgeeks (https://www.geeksforgeeks.org/must-do-coding-questions-for-companies-like-amazon-microsoft-adobe/#More%20Questions%20on%20Arrays) to strong in data structures and algorithm and Time complexity.

Practice all these problem in the following link.
(https://ravindrababuravula.com/interviewpreperation.php)

My Personal Notes\narrow_drop_up

Add your personal notes her

Save

'