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Amazon Interview | Set 11

- Last Updated :\n13 Jun, 2019

I would like to thank geeksforgeeks team for the excellent website. I got placed in amazon because of your website. I would like to share my experience and the interview questions.

1 round was online written technical test
There were 20 MCQ and 2 programming questions. Each correct answer carried 1 mark and -0.25 for a wrong answer. Programming questions were:

\xe2\x80\x94Write a program to find the difference between the sum of nodes at odd height and the sum of nodes at even height

\xe2\x80\x94Given an array of integers representing coin values and the sum required. find the number of coins required to get the sum

4 technical rounds
Various programming questions related to data structures were asked. Each round was an elimination round. Questions asked were

\xe2\x80\x94Write a program to traverse the tree in spiral form in O(n) time.(Hint:use two stacks)

\xe2\x80\x94Program to implement atoi function

\xe2\x80\x94Program to swap the kth node from end and kth node from front

\xe2\x80\x94Program to find loops in linked list

\xe2\x80\x94Find the maximum length palindrome in a string

\xe2\x80\x94Difference between process and thread

\xe2\x80\x94Advantages and disadvantages of thread and process

\xe2\x80\x94Test cases for checking binary tree

\xe2\x80\x94Test case for atoi function

\xe2\x80\x94Test cases for finding loops in the single linked list

Each technical round was for 60-90 minute duration. There was no HR round \xf0\x9f\x99\x82

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This article is compiled by **Supreeth**. Many Many congratulations to Supreeth. If you like GeeksforGeeks and would like to contribute, you can also write an article and mail your article to contribute@geeksforgeeks.org. See your article appearing on the GeeksforGeeks main page and

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