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# Amazon Interview Experience | Set 421 (For Internship)

- Difficulty Level :\nMedium
- Last Updated :\n13 Oct, 2020

Recently Amazon visited our campus for Internship and Full time.\xc2\xa0

**Coding Test:\xc2\xa0**Was an online test which comprised of 2 coding questions and 20 MCQs.\xc2\xa0

MCQs were basically based on pointers, output related, OS etc. For pointers and output related questions one should practice from www.geeksforgeeks.org/quiz-corner-gq/ which is quite enough if one\xc2\xa0thorough through most of the questions. One of the coding questions was based on Dynamic Programming and other on String manipulation. The questions were more on moderate to difficult level, even if you are not able to devise the most optimal solutions go for the most naive solution as marks are allotted for each test case. (Some people even used if-else statements to run the most trivial test cases and it worked for them).\xc2\xa0

Around 70 students sat for the test and 10 were selected for the next round. I attempted around 17 MCQs and I think 13 or 14 of them were correct while I partially did the 2 coding questions using the naive approach.\xc2\xa0

**Round 1:** In the first round, the interviewer asked me to introduce myself, and some projects I wrote in my CV. (Just don\xe2\x80\x99t blabber anything in your CV).\xc2\xa0

Question 1-: Zig Zag traversal in a binary tree.\xc2\xa0

Question 2-:https://www.geeksforgeeks.org/next-higher-palindromic-number-using-set-digits/

Question 3-: There was one more question based on maps\xc2\xa0

Question 4-: Difference between map and unordered_map\xc2\xa0
**Round 2:** Asked to introduce, and what projects I have done till now\xc2\xa0

Question 1-: Finding complement and 2s complement of a binary number (Didn\xe2\x80\x99t have to code it just find it for say 100011)\xc2\xa0

Question 2-: Some questions based on DBMS (basic queries)\xc2\xa0

Question 3-: A variant of Binary tree traversal. I was given a tree and the output was given had to identify the type of traversal and then code it out.\xc2\xa0

It was right_subtree->left_subtree->root\xc2\xa0

Question 4-: Stock buy to sell to maximize profit problem\xc2\xa0

Followed by some random discussion about amazon and its products.\xc2\xa0

In general, interviewers were friendly and ready to help whenever I got stuck.\xc2\xa0

Cheers!

**All Practice Problems for Amazon!\xc2\xa0**

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