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Facebook | Phone Interview | Find Anagram and Construct Word from Dice

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Anonymous User

Last Edit: November 2, 2021 7:00 PM

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Had an FB phone interview today for an E3 position. Was asked a couple of questions - Solved one and
- ▼

Question 1. Check if a valid anagram exists for a String in a given list of words

Explained two approaches - Wrote code for 2nd approach with $O(1)$ space and $O(\text{length of String} \times \text{list})$

Question 2.

Given a word of length n and n Blocks of characters where each block has 6 sides, return the list of blocks arranged to get the word. (Ignore rotation of the block)

Example:

Input:

word = "hello"

dice = [[a, l, c, d, e, f], [a, b, c, d, e, f], [a, b, c, h, e, f], [a, b, c, d, o, f], [a, b, c, l, e, f]]

Output: dice[2] + dice[1] + dice[0] + dice[4] + dice[3]

The wording for this question threw me off. Would have probably been easier to understand if "block of" made a few blunders(made assumptions on the question) jumping into this problem and it took me almost an hour to understand. I had about 20+ mins for this problem because I finished the first question quickly. Wasn't an entire time to just understand what was being asked. Looking back at the problem now, I feel I would have understood but this was a completely new problem to me and I spent too long on just figuring out the question.

EDIT: YOE 2.5 yrs


facebook phone interview

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santosh544



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Second problem seems to be variation of <https://leetcode.com/discuss/interview-question/267985/google-interview-question>

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girl-is-no-one

★ 9

November 4, 2021 4:40 AM

Thank you for sharing your experience. Is it US based role?

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Last Edit: November 3, 2021 11:25 AM