



TECH-CREERE

LeetCode Problems

Logic problems

- Variables
- Loops
 - do while
 - While
 - For (let i
 - For (const of/in
- Arrays
- Strings
- Objects

Q1: Valid Anagram

- Given two strings s and t, return true if t is an anagram of s, and false otherwise.

Q2: Group Anagrams

Given an array of strings `strs`, group the anagrams together. You can return the answer in **any order**.

Example 1:

Input: `strs = ["eat","tea","tan","ate","nat","bat"]`

Output: `[["bat"],["nat","tan"],["ate","eat","tea"]]`

Explanation:

There is no string in `strs` that can be rearranged to form "bat".

The strings "nat" and "tan" are anagrams as they can be rearranged to form each other.

The strings "ate", "eat", and "tea" are anagrams as they can be rearranged to form each other.

Example 2:

Input: `strs = [""]`

Output: `[[""]]`

Example 3:

Input: `strs = ["a"]`

Output: `[["a"]]`

Q3: Words after removing anagrams

- **Example 1:**

Input: words = ["abba","baba","bbaa","cd","cd"] **Output:** ["abba","cd"]

Explanation: One of the ways we can obtain the resultant array is by using the following operations: - Since words[2] = "bbaa" and words[1] = "baba" are anagrams, we choose index 2 and delete words[2]. Now words = ["abba","baba","cd","cd"]. - Since words[1] = "baba" and words[0] = "abba" are anagrams, we choose index 1 and delete words[1]. Now words = ["abba","cd","cd"]. - Since words[2] = "cd" and words[1] = "cd" are anagrams, we choose index 2 and delete words[2]. Now words = ["abba","cd"]. We can no longer perform any operations, so ["abba","cd"] is the final answer.

- **Example 2:**

Input: words = ["a","b","c","d","e"] **Output:** ["a","b","c","d","e"]

Explanation: No two adjacent strings in words are anagrams of each other, so no operations are performed.

Q4: rotate matrix (in place)

You are given an $N \times N$ 2D matrix representing an image, rotate the image by **90** degrees (clockwise). You have to rotate the image in-place, which means you have to modify the input 2D matrix directly. **DO NOT** allocate another 2D matrix and do the rotation.

