Unknown Title

Description

Description

Note

Note

Editorial

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Testcase

Testcase

Test Result

Test Result

Leet

Leet

49. Group Anagrams

Medium

Topics

Companies

Given an array of strings `strs`, group the 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: [[""]]

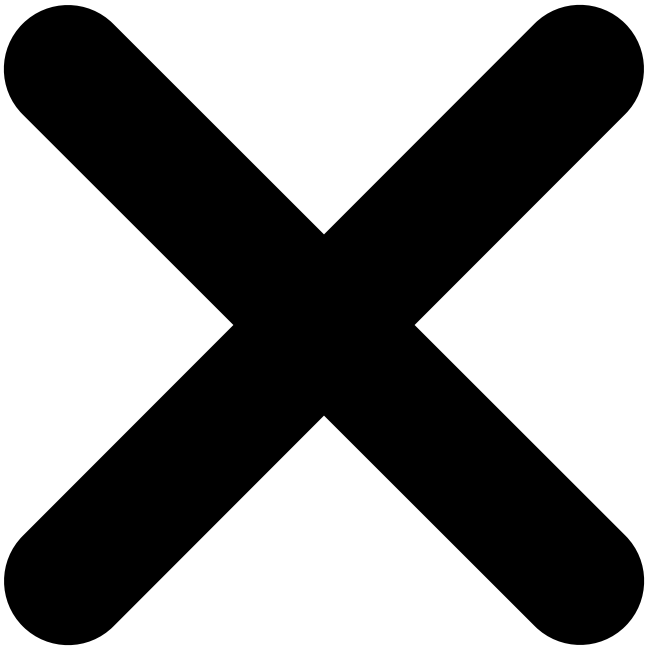
Example 3:

Input: strs = ["a"]

Output: [["a"]]

Constraints:

- `1 <= strs.length <= 10^4`
- `0 <= strs[i].length <= 100`
- `strs[i]` consists of lowercase English letters.



Seen this question in a real interview before?

1/5

Yes

No

Accepted

4,410,404/6.1M

Acceptance Rate

72.0%

Companies

Discussion (376)

</>
@

💡 Discussion Rules

1. Please don't post **any solutions** in this discussion.

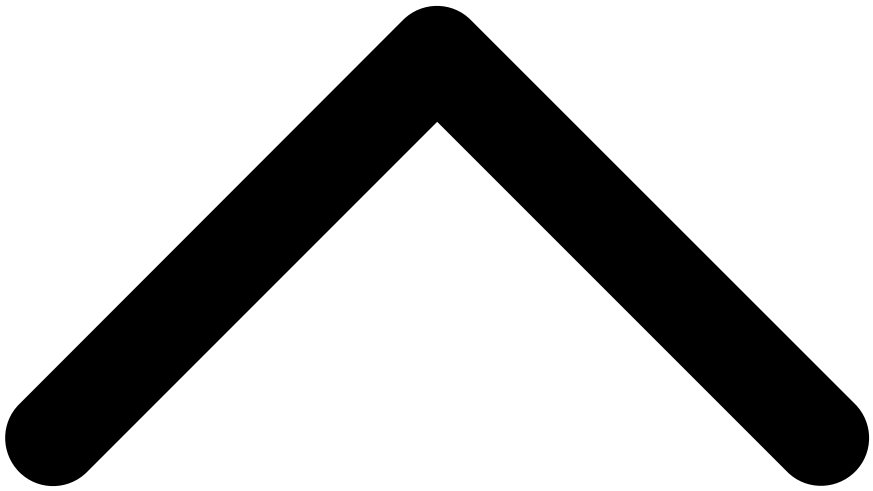
2. The problem discussion is for asking questions about the problem or for sharing tips - anything except for solutions.

3. If you'd like to share your solution for feedback and ideas, please head to the solutions tab and post it there.

HandsomeJens

Jan 24, 2024

Just wanna give props to myself. This was my first medium :)



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714

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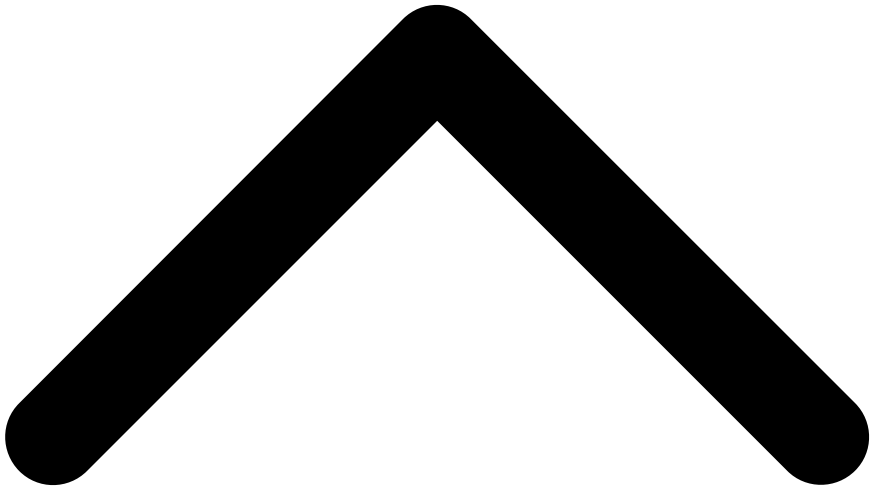
Nikita

Mar 23, 2023

An Anagram is a word or phrase formed by rearranging the letters of a different word or phrase, typically using all the original letters exactly once.
Input:
`strs = ["",""]`
Expected:
`[["",""]]`

Where are the letters or words?



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Ask Question

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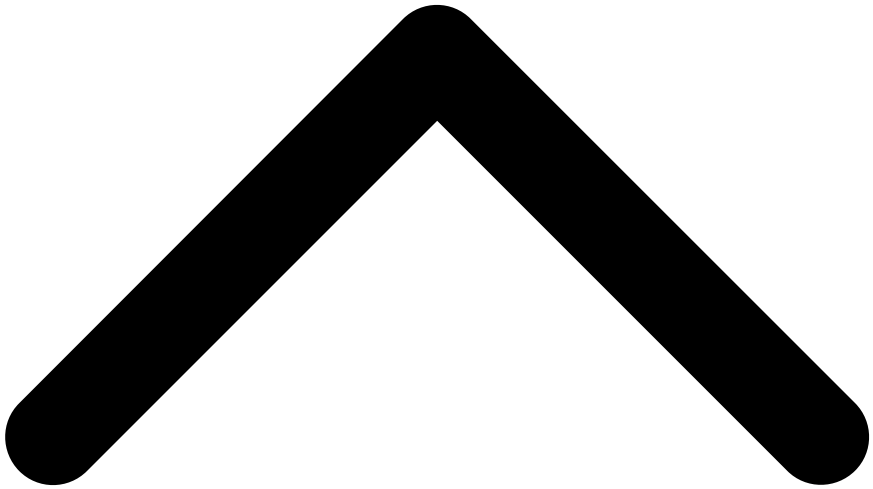
DIVITE DINESH

Feb 06, 2024

Finally can solve this after revisiting 5 times in 6 months.
This journey is going incredibly well. 🚀



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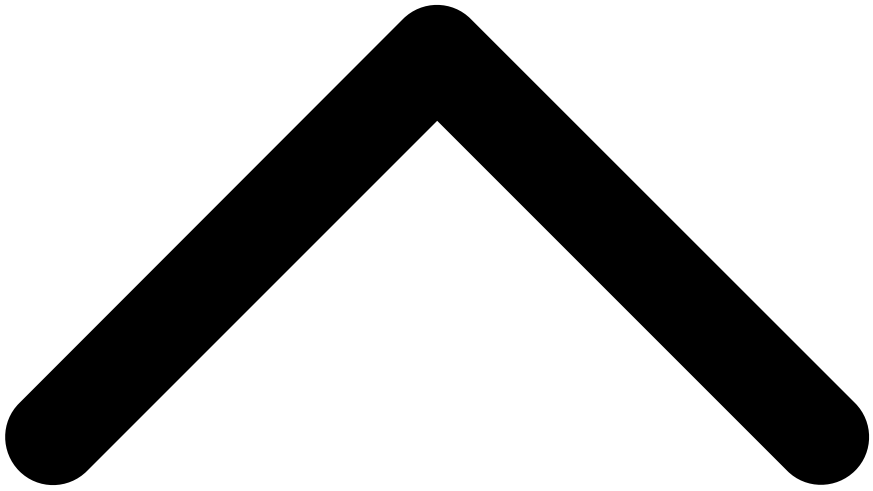
Sawan Kushwah

Oct 01, 2023

Approach
take out string
char array
sort it
convert to string
use this string as a key
then push all the related element to key



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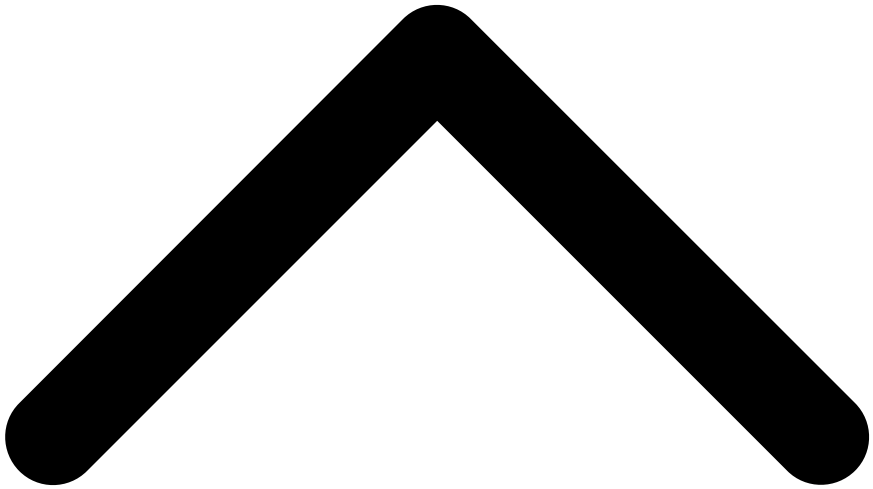
Freeze Francis

Aug 10, 2021

This question was part of interview rounds of Amazon.
For folks preparing for FAANG interview please read my interview experience.
https://freezefrancis.medium.com/amazon-sde-interview-experience-on-campus-e8444ee791b



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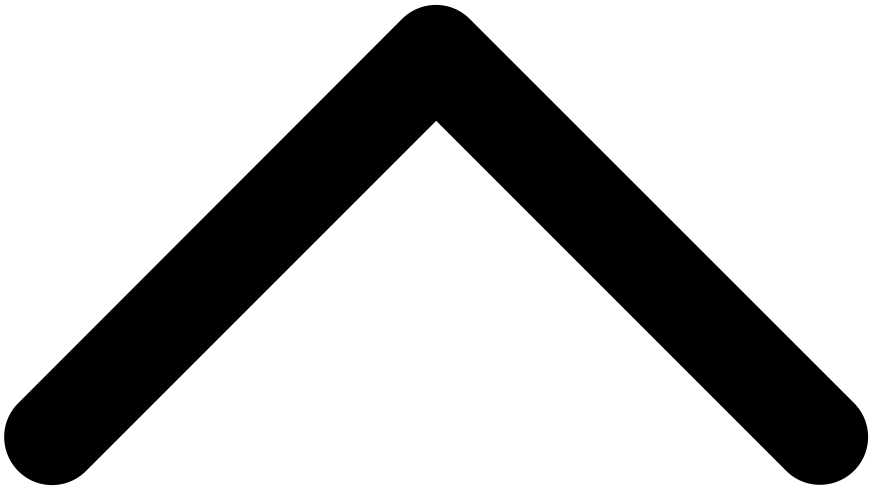
An-Wen Deng

Feb 05, 2024

Hash table must be used, because this is a strings' question.
One tip: strings are anagrams <=> same string after sorting. No need for frequency count unless the string is super long.
Have a nice day!



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3

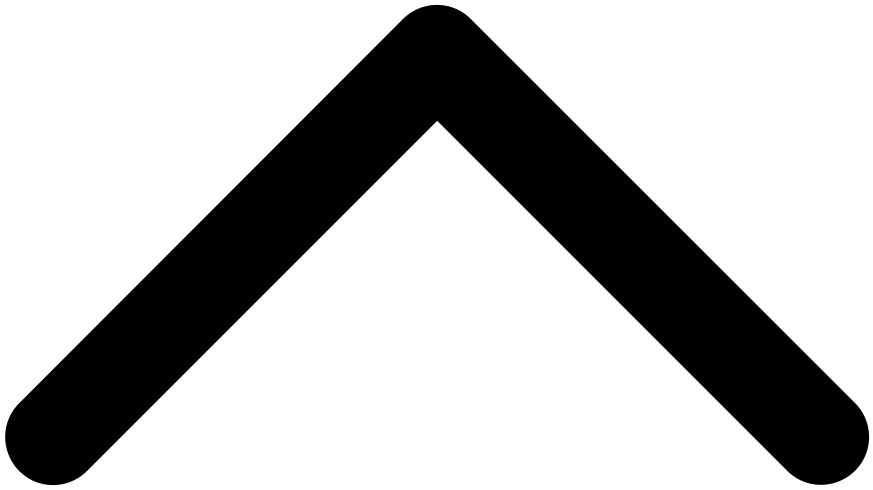
MrLebovsky

Sep 01, 2023

It says: " You can return the answer in any order", but console result is:

Output
[["ddddddddddg","dgggggggggg"]]
Expected
[["dgggggggggg"],["ddddddddddg"]]

Why?



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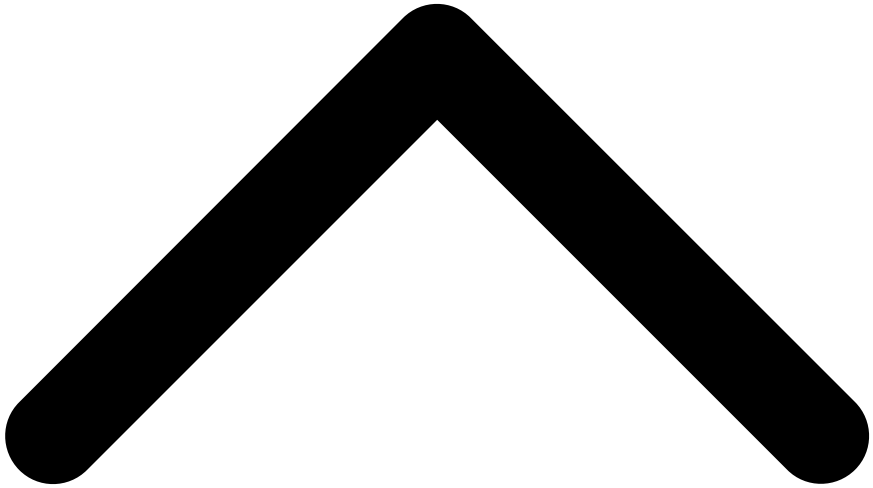
10

Bohdan Pozharskyi

Nov 02, 2013

What does it mean "return all groups"? But the return result is vector? How can we return all groups? I mean, for example, we have such vector ["dog","cat","god","tac"]. What should I return?



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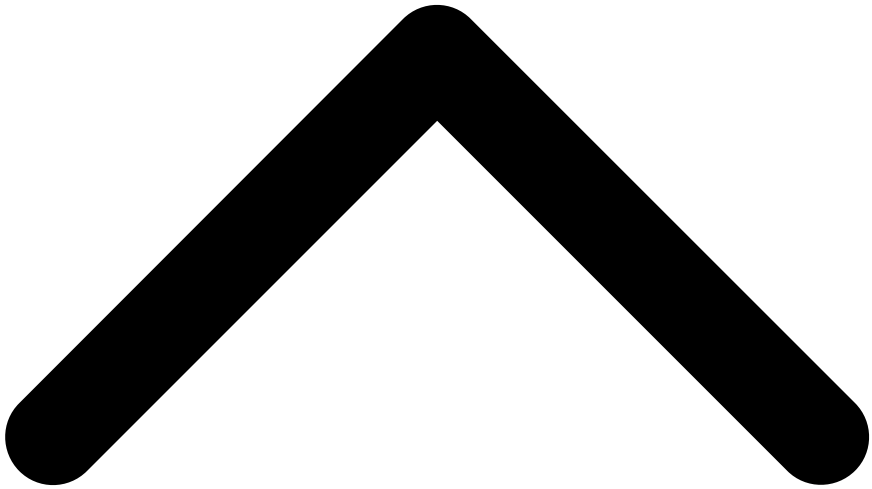
Mahdy Khayyamian

Feb 01, 2015

Why the output is list and not a list of list. What If there are multiple groups of anagrams?



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3

SamMy89

Nov 04, 2014

I found nice solution in Java in the internet, and it worked. **However**, I really don't understand the question. It says

> return all **groups** of strings that are anagrams.

i.e. if we have two groups of strings that are anagrams we have to return two goups of strings, i.e. we need `List<List<String>>`. But in the problem description the method signature is given by `List<String>`. Does it mean that we always assume that we have only one group of string every time? Can someone please clarify this for me?

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405 Online

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5

```
class Solution {
    public List<List<String>> groupAnagrams(String[] strs) {


    }
```

}

Saved

Ln 3, Col 9

You must run your code first

😎

Stuck? Leet guides you through every line.

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