

LeetCode

Day 27

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September LeetCode Challenge 2021

Premium

Description

Solution

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Submissions

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Java

Autocomplete

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929. Unique Email Addresses

Easy 1431 230 Add to List Share

Every **valid email** consists of a **local name** and a **domain name**, separated by the '@' sign. Besides lowercase letters, the email may contain one or more '.' or '+'.

- For example, in "alice@leetcode.com", "alice" is the **local name**, and "leetcode.com" is the **domain name**.

If you add periods '.' between some characters in the **local name** part of an email address, mail sent there will be forwarded to the same address without dots in the local name. Note that this rule **does not apply to domain names**.

- For example, "alice.z@leetcode.com" and "alicez@leetcode.com" forward to the same email address.

If you add a plus '+' in the **local name**, everything after the first plus sign **will be ignored**. This allows certain emails to be filtered. Note that this rule **does not apply to domain names**.

- For example, "m.y+name@email.com" will be forwarded to "my@email.com".

It is possible to use both of these rules at the same time.

Given an array of strings `emails` where we send one email to each `email[i]`, return the number of different addresses that actually receive mails.

Example 1:

Input: emails = ["test.email+alex@leetcode.com","test.e.mail+bob.cathy@leetcod", "test\_email@leetcode.com"]

Output: 2

Explanation: "testemail@leetcode.com" and "test\_email@lee.tcode.com" actually receive mails.

Example 2:

Input: emails = ["a@leetcode.com","b@leetcode.com","c@leetcode.com"]

Output: 3

Constraints:

- 1 <= emails.length <= 100
- 1 <= emails[i].length <= 100
- email[i] consist of lowercase English letters, '+', '.', and '@'.
- Each emails[i] contains exactly one '@' character.
- All local and domain names are non-empty.
- Local names do not start with a '+' character.

Accepted 297,823 Submissions 441,512

Seen this question in a real interview before? 

Yes

No

Companies

Related Topics

1

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class Solution {

public int numUniqueEmails(String[] emails) {

}

}

Problems

Pick One

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Next >

Console

Contribute i

Run Code ^

Submit

https://leetcode.com/problems/unique-email-addresses/1/1