

# 839. Similar String Groups



Hard 2.1K 210

Companies

Two strings `X` and `Y` are similar if we can swap two letters (in different positions) of `X`, so that it equals `Y`. Also two strings `X` and `Y` are similar if they are equal.

For example, `"tars"` and `"rats"` are similar (swapping at positions `0` and `2`), and `"rats"` and `"arts"` are similar, but `"star"` is not similar to `"tars"`, `"rats"`, or `"arts"`.

Together, these form two connected groups by similarity: `{"tars", "rats", "arts"}` and `{"star"}`. Notice that `"tars"` and `"arts"` are in the same group even though they are not similar. Formally, each group is such that a word is in the group if and only if it is similar to at least one other word in the group.

We are given a list `strs` of strings where every string in `strs` is an anagram of every other string in `strs`. How many groups are there?

## Example 1:

**Input:** `strs = ["tars", "rats", "arts", "star"]`  
**Output:** 2

## Example 2:

**Input:** `strs = ["omv", "ovm"]`  
**Output:** 1

## Constraints:

- `1 <= strs.length <= 300`
- `1 <= strs[i].length <= 300`
- `strs[i]` consists of lowercase letters only.
- All words in `strs` have the same length and are anagrams of each other.

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Yes No

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