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Description

Solution

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2452. Words Within Two Edits of Dictionary

Medium

136

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You are given two string arrays, `queries` and `dictionary`. All words in each array comprise of lowercase English letters and have the same length.

In one **edit** you can take a word from `queries`, and change any letter in it to any other letter. Find all words from `queries` that, after a **maximum** of two edits, equal some word from `dictionary`.

Return a list of all words from `queries`, that match with some word from `dictionary` after a maximum of **two edits**. Return the words in the **same order** they appear in `queries`.

Example 1:

Input: `queries = ["word","note","ants","wood"], dictionary = ["wood","joke","moat"]`
Output: `["word","note","wood"]`
Explanation:

- Changing the 'r' in "word" to 'o' allows it to equal the dictionary word "wood".
- Changing the 'n' to 'j' and the 't' to 'k' in "note" changes it to "joke".
- It would take more than 2 edits for "ants" to equal a dictionary word.
- "wood" can remain unchanged (0 edits) and match the corresponding dictionary word.

Thus, we return `["word","note","wood"]`.

Example 2:

Input: `queries = ["yes"], dictionary = ["not"]`
Output: `[]`
Explanation:

Applying any two edits to "yes" cannot make it equal to "not". Thus, we return an empty array.

Constraints:

- `1 <= queries.length, dictionary.length <= 100`
- `n == queries[i].length == dictionary[j].length`
- `1 <= n <= 100`
- All `queries[i]` and `dictionary[j]` are composed of lowercase English letters.

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1

class Solution {

2

public List<String> twoEditWords(String[] queries, String[] dictionary) {

3

}

4

}

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}

≡ Problems

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Console

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