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890. Find and Replace Pattern

Medium

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Given a list of strings `words` and a string `pattern`, return *a list of words[i] that match pattern*. You may return the answer in **any order**.

A word matches the pattern if there exists a permutation of letters `p` so that after replacing every letter `x` in the pattern with `p(x)`, we get the desired word.

Recall that a permutation of letters is a bijection from letters to letters: every letter maps to another letter, and no two letters map to the same letter.

Example 1:

Input: words = ["abc","deq","mee","aqq","dkd","ccc"], pattern = "abb"
Output: ["mee","aqq"]
Explanation: "mee" matches the pattern because there is a permutation {a -> m, b -> e, ...}.

"ccc" does not match the pattern because {a -> c, b -> c, ...} is not a permutation, since a and b map to the same letter.

Example 2:

Input: words = ["a","b","c"], pattern = "a"
Output: ["a","b","c"]

Constraints:

- 1 <= pattern.length <= 20
- 1 <= words.length <= 50
- words[i].length == pattern.length
- pattern and words[i] are lowercase English letters.

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class Solution {

public List<String> findAndReplacePattern(String[] words, String pattern) {

}

}

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