

1181. Before and After Puzzle

Description

Given a list of `phrases` , generate a list of Before and After puzzles.

A *phrase* is a string that consists of lowercase English letters and spaces only. No space appears in the start or the end of a phrase. There are no consecutive spaces in a phrase.

Before and After puzzles are phrases that are formed by merging two phrases where the **last word of the first phrase** is the same as the **first word of the second phrase** .

Return the Before and After puzzles that can be formed by every two phrases `phrases[i]` and `phrases[j]` where `i != j` . Note that the order of matching two phrases matters, we want to consider both orders.

You should return a list of **distinct** strings **sorted lexicographically** .

Example 1:

```
Input: phrases = ["writing code","code rocks"]
Output: ["writing code rocks"]
```

Example 2:

```
Input: phrases = ["mission statement",
                  "a quick bite to eat",
                  "a chip off the old block",
                  "chocolate bar",
                  "mission impossible",
                  "a man on a mission",
                  "block party",
                  "eat my words",
                  "bar of soap"]
Output: ["a chip off the old block party",
        "a man on a mission impossible",
        "a man on a mission statement",
        "a quick bite to eat my words",
        "chocolate bar of soap"]
```

Example 3:

```
Input: phrases = ["a","b","a"]
Output: ["a"]
```

Constraints:

- `1 <= phrases.length <= 100`
- `1 <= phrases[i].length <= 100`

