2135. Count Words Obtained After Adding a Letter

Description

You are given two **0-indexed** arrays of strings `startWords` and `targetWords`. Each string consists of **lowercase English letters** only.

For each string in `targetWords`, check if it is possible to choose a string from `startWords` and perform a **conversion operation** on it to be equal to that from `targetWords`.

The **conversion operation** is described in the following two steps:

1. **Append** any lowercase letter that is **not present** in the string to its end.
   - For example, if the string is `"abc"`, the letters `'d'`, `'e'`, or `'y'` can be added to it, but not `'a'`. If `'d'` is added, the resulting string will be `"abcd"`.
2. **Rearrange** the letters of the new string in **any** arbitrary order.
   - For example, `"abcd"` can be rearranged to `"acbd"`, `"bacd"`, `"cbda"`, and so on. Note that it can also be rearranged to `"abcd"` itself.

Return *the **number of strings** in* `targetWords` *that can be obtained by performing the operations on **any** string of* `startWords`.

Note that you will only be verifying if the string in `targetWords` can be obtained from a string in `startWords` by performing the operations. The strings in `startWords` **do not** actually change during this process.

Example 1:

```
Input: startWords = ["ant","act","tack"], targetWords = ["tack","act","acti"]
Output: 2
Explanation:
- In order to form targetWords[0] = "tack", we use startWords[1] = "act", append 'k' to it, and rearrange "actk" to "tack".
- There is no string in startWords that can be used to obtain targetWords[1] = "act".
  Note that "act" does exist in startWords, but we must append one letter to the string before rearranging it.
- In order to form targetWords[2] = "acti", we use startWords[1] = "act", append 'i' to it, and rearrange "acti" to "acti" itself.
```

Example 2:

```
Input: startWords = ["ab","a"], targetWords = ["abc","abcd"]
Output: 1
Explanation:
- In order to form targetWords[0] = "abc", we use startWords[0] = "ab", add 'c' to it, and rearrange it to "abc".
- There is no string in startWords that can be used to obtain targetWords[1] = "abcd".
```

Constraints:

- `1 <= startWords.length, targetWords.length <= 5 * 10^4`
- `1 <= startWords[i].length, targetWords[j].length <= 26`
- Each string of `startWords` and `targetWords` consists of lowercase English letters only.
- No letter occurs more than once in any string of `startWords` or `targetWords`.