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720. Longest Word in Dictionary

Medium   👍 1094   👎 1180   ♡ Add to List   ⬈ Share

Given an array of strings `words` representing an English Dictionary, return *the longest word in* `words` *that can be built one character at a time by other words in* `words` .

If there is more than one possible answer, return the longest word with the smallest lexicographical order. If there is no answer, return the empty string.

Example 1:

```
Input: words = ["w","wo","wor","worl","world"]
Output: "world"
Explanation: The word "world" can be built one character at a time by "w",
"wo", "wor", and "worl".
```

Example 2:

```
Input: words = ["a","banana","app","appl","ap","apply","apple"]
Output: "apple"
Explanation: Both "apply" and "apple" can be built from other words in the
dictionary. However, "apple" is lexicographically smaller than "apply".
```

Constraints:

- `1 <= words.length <= 1000`
- `1 <= words[i].length <= 30`
- `words[i]` consists of lowercase English letters.

Accepted   95,637   Submissions   191,022

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```java
1  class Solution {
2      public String longestWord(String[] words) {
3
4      }
5  }
```

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