

Description

Solution

Discuss (476)

Submissions

648. Replace Words

Medium 752 131 Add to List Share

In English, we have a concept called `root`, which can be followed by some other words to form another longer word - let's call this word `successor`. For example, the root `an`, followed by `other`, which can form another word `another`.

Now, given a dictionary consisting of many roots and a sentence. You need to replace all the `successor` in the sentence with the `root` forming it. If a `successor` has many `roots` can form it, replace it with the root with the shortest length.

You need to output the sentence after the replacement.

Example 1:

Input: dict = ["cat","bat","rat"], sentence = "the cattle was rattled by the battery"

Output: "the cat was rat by the bat"

Constraints:

- The input will only have lower-case letters.
- `1 <= dict.length <= 1000`
- `1 <= dict[i].length <= 100`
- `1 <= sentence words number <= 1000`
- `1 <= sentence words length <= 1000`

Accepted 56,598

Submissions 100,009

Seen this question in a real interview before?

Yes

No

Java Autocomplete

1

2

3

4

5

class Solution {
 public String replaceWords(List<String> dict, String sentence) {

 }
}