

# 524. Longest Word in Dictionary through Deleting

## Description

Given a string `s` and a string array `dictionary`, return *the longest string in the dictionary that can be formed by deleting some of the given string characters*. If there is more than one possible result, return the longest word with the smallest lexicographical order. If there is no possible result, return the empty string.

### Example 1:

```
Input: s = "abpcplea", dictionary = ["ale","apple","monkey","plea"]
Output: "apple"
```

### Example 2:

```
Input: s = "abpcplea", dictionary = ["a","b","c"]
Output: "a"
```

### Constraints:

- `1 <= s.length <= 1000`
- `1 <= dictionary.length <= 1000`
- `1 <= dictionary[i].length <= 1000`
- `s` and `dictionary[i]` consist of lowercase English letters.

