

Problem 14: Longest Common Prefix

Problem Information

Difficulty: Easy

Acceptance Rate: 46.53%

Paid Only: No

Tags: Array, String, Trie

Problem Description

Write a function to find the longest common prefix string amongst an array of strings.

If there is no common prefix, return an empty string `""`.

Example 1:

Input: strs = ["flower", "flow", "flight"] **Output:** "fl"

Example 2:

Input: strs = ["dog", "racecar", "car"] **Output:** "" **Explanation:** There is no common prefix among the input strings.

Constraints:

* `1 <= strs.length <= 200` * `0 <= strs[i].length <= 200` * `strs[i]` consists of only lowercase English letters if it is non-empty.

Code Snippets

C++:

```
class Solution {
public:
    string longestCommonPrefix(vector<string>& strs) {
```

```
    }  
};
```

Java:

```
class Solution {  
    public String longestCommonPrefix(String[] strs) {  
        }  
        }
```

Python3:

```
class Solution:  
    def longestCommonPrefix(self, strs: List[str]) -> str:
```