Leetcode Problem 1. (Easy)

Longest Common Prefix

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.

Link : https://leetcode.com/problems/longest-common-prefix/

```java
class Solution {
    public String longestCommonPrefix(String[] strs)
    {
        if (strs == null || strs.length == 0)
        {
            return "";
        }

        String prefix = strs[0];
        for (int i = 1; i < strs.length; i++)
        {
            while (strs[i].indexOf(prefix) != 0)
            {
                prefix = prefix.substring(0, prefix.length() - 1);
```

```java
            if (prefix.isEmpty()) {
                return "";
            }
        }
    }
    return prefix;

    }
}
```

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Sakib Rahman
Apr 13, 2023 22:30

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