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/>

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);

if (prefix.isEmpty()) {

return "";

}

}

}

return prefix;

}

}

