**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.

Solution:

class Solution {

    public String longestCommonPrefix(String[] strs) {

        if (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;

    }

}