**Longest Common Prefix**

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

**My solution:**

class Solution **{**

public String longestCommonPrefix**(**String**[]** strs**)** **{**

**if(**strs**.**length**==**0**)return** ""**;**

String common **=** strs**[**0**];**

int i**=**0**;**

**for(**String word**:**strs**){**

**while(**i**<**word**.**length**()** **&&** i**<**common**.**length**())**

**{**

**if(**common**.**charAt**(**i**)==**word**.**charAt**(**i**))**i**++;**

**else** **break;**

**}**

common**=** common**.**substring**(**0**,**i**);**

i**=**0**;**

**if(**common**.**length**()==**0**)break;**

**}**

**return** common**;**

**}**

**}**

**Other good solution:**

public String longestCommonPrefix**(**String**[]** strs**)** **{**

**if(**strs **==** **null** **||** strs**.**length **==** 0**)** **return** ""**;**

String pre **=** strs**[**0**];**

int i **=** 1**;**

**while(**i **<** strs**.**length**){**

**while(**strs**[**i**].**indexOf**(**pre**)** **!=** 0**) //This line is interesting**

pre **=** pre**.**substring**(**0**,**pre**.**length**()-**1**);**

i**++;**

**}**

**return** pre**;**

**}**