

## 8. Longest Common Prefix

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

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

### Code

```
class Solution {
    public String longestCommonPrefix(String[] strs) {
        String s=strs[0];
        StringBuilder p=new StringBuilder("");
        int f=0;
        for(int i=0;i<s.length();i++)
        {
            for(int j=1;j<strs.length;j++)
            {
                if((i==strs[j].length())||(strs[j].charAt(i)!=s.charAt(i)))f=1;
            }
            if(f==1)break;
            p.append(s.charAt(i));
        }
        return p.toString();
    }
}
```