

# Problem 3 : Longest Common Prefix

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

        int length = strs[0].length();

        for (int i = 0; i < strs.length; i++) {
            length = Math.min(length, strs[i].length());

            for (int j = 0; j < length; j++) {
                char c = strs[0].charAt(j),
                    d = strs[i].charAt(j);

                if (c != d) {
                    length = j;
                    break;
                }
            }
        }
        return strs[0].substring(0, length);
    }
}
```

```
}
```