BRUTE FORCE APPROACH

```
class Solution {
  public String longestCommonPrefix(String[] strs) {
    int index=0;
    int len=strs.length;
    int minLen=Integer.MAX_VALUE;
    for(int i=0;i<len;i++)
      minLen=Math.min(minLen,strs[i].length());
    // System.out.println("MinLength: "+minLen);
    String ans="";
    while(index<minLen)
      String requiredPrefixString=strs[0].substring(0,index+1);
      // System.out.println("Current prefix Required string :"+requiredPrefixString);
      int i=0;
      for(;i<len;i++){
        // System.out.print("current String:"+strs[i]+"--> Current substring From 0 to index+1:
"+strs[i].substring(0,index+1)+" _____");
         if(!strs[i].substring(0,index+1).equals(requiredPrefixString))
           break;
      // System.out.println("Value of I:"+i);
      if (i<len)
         break;
      index++;
      ans=requiredPrefixString;
      // System.out.println();
      // System.out.println();
    }
    return ans;
```

```
class Solution {
  public String longestCommonPrefix(String[] strs) {
    String lcp = strs[0];
    for(int i = 1; i< strs.length; i++)</pre>
       lcp = getCommonString(lcp, strs[i]);
       if(lcp.length() == 0)
         return "";
       }
    return lcp;
  String getCommonString(String str1, String str2) {
    int i = 0;
    while (i < str1.length() \&\& i < str2.length() \&\& str1.charAt(i) == str2.charAt(i)) \{
      i++;
    }
    return str1.substring(0,i);
  }
```