**import java.util.Scanner;**

**public class Common\_Prefix {**

**public static String CommonPrefix(String[] strs) {**

**if(strs==null || strs.length ==0){**

**return "";**

**}**

**if(strs.length == 1){**

**return strs[0];**

**}**

**int i=0;**

**while(true){**

**boolean flag = true;**

**for(int j=1; j<strs.length; j++){**

**if(strs[j].length()<=i || strs[j-1].length() <=i**

**|| strs[j].charAt(i) != strs[j-1].charAt(i)){**

**flag = false;**

**break;**

**}**

**}**

**if(flag){**

**i++;**

**}else{**

**break;**

**}**

**}**

**return strs[0].substring(0, i);**

**}**

**public static void main(String args[])**

**{**

**String arr[] = {"Comma","Common", "Code"};**

**int n = arr.length;**

**String ans = CommonPrefix(arr);**

**if (ans.length() > 0)**

**System.out.println("The longest common Prefix is " + ans);**

**else**

**System.out.println("There is no common prefix");**

**}**

**}**