Data Structures and Algo in Java - Day 31

public class day31

{

public static void main(String[] args)

{

String s []= {"Flower","Float","Flight"};

String ans = findHighestCommonPrefix(s);

System.out.println(ans);

String num = "1357924680";

String result = largestOddNumber(num);

System.out.println(result);

}

public static String findHighestCommonPrefix(String [] s)

{

if(s== null || s.length==0)

{

System.out.println(" ");

return " ";

}

for(int i=0;i<s[0].length();i++)

{

char ch = s[0].charAt(i);

for(int j=1;j<s.length;j++)

{

if(i>=s[j].length() || s[j].charAt(i)!=ch)

{

return s[0].substring(0,i);

}

}

}

return s[0];

}

public static String largestOddNumber(String s)

{

for(int i = s.length()-1;i>=0;i--)

{

char ch = s.charAt(i);

if(ch=='1'|| ch=='3'|| ch=='5'|| ch=='7'||ch=='9')

{

return s.substring(0,i+1);

}

}

return "";

}

}