https://course.acciojob.com/idle?question=308cc4cd-d7e7-4df0-a378-6fcbf1cbca5f

- EASY
- Max Score: 30 Points

PairStar

Given a string, compute recursively a new string where identical chars that are adjacent in the original string are separated from each other by a "*".

Input Format

The first line contains the string.

Output Format

Return the desired output string where there is a * between consecutive same characters.

Example 1

Input

```
hello
```

Output

```
hel*lo
```

Example 2

Input

```
xxyy
```

Output

```
x*xy*y
```

Constraints

1 <= s.size() <= 1000

Topic Tags

- **Recursion**
- **Strings**

My code

```
// in java
import java.util.*;
import java.lang.*;
import java.io.*;

public class Main
{
public  static void fun(String str,int i)
  { int n=str.length();
    if(i==n) return;
    char ch=str.charAt(i++);
    System.out.print(ch);
    if(i<n && str.charAt(i)==ch )  System.out.print("*");
    fun(str,i);
  }
        public static void main (String[] args) throws java.lang.Exception
        {
```

```
            //your code here
 /*     Scanner s=new Scanner(System.in);
      String str =s.next();
      char ch=str.charAt(0);
        System.out.print(ch);
      for(int i=1;i<str.length();i++)
        {
          if(str.charAt(i)==ch)
            System.out.print("*");
          System.out.print(str.charAt(i));
          ch=str.charAt(i);
        }
  */
      Scanner s=new Scanner(System.in);
      String str =s.next();
      fun(str,0);
        }

}
```