Merge String Alternatively

String Str 1 = "G'E'E'K"
String Str 2 = "STER"

Loop > 0+03.

Strong res: "; > 0 to 3.

rest: stol. charatlo), G

rest= Stir. charAt(0); S res= GS

rest: str1.charA((1); res:GSE

vest: St2. charA(1); ves:GSET

rest: strl.charAt(2); rest-GSETE

rest: sto2.etasAt(2); res=GSETEE

rest: Styl. char A4(3) res: GSETEK

yest: Sto2.chazAt(3) ves: GSETEKR.

S.o.pln (res);

String res=""";

Jor (int i=0; i< strl.length(); i++) {

rest= strl.charAt(i);

rest= strl-charAt(i);

}

S.o.pln (res);

Long Pressed Name String name: "Jay" Strong keyboardstr: "Jaaqaaay"; Input? name: "alex"; lpname: "agleex"; Loop inthrame (0+05) 1st thome. CharAt(0) == name .charAt(0)

me jor & prame. char At(1) != name. charAt(1)

I 1st condition to check if char in typename matches with char in name --- are to next index in

matches with man If matches then move to next index in both string Il it doesn't match, ble have 2 possibilities brevious character then we can say it is fine to go ahead because it is long pressed character 2 bif it doesn't match with previous char then we can say string is not long bressed name 15 return falle, because we do not need to check other character stoing name: "alex" Storg thame= "aaleex"; int np=0; Jorlint i:0; i< thame-length(); i++) { if(np< name.length() & & trame-charAt(i)== name.charAt(np)){

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```
if (np/ name.length () 0.
            np++;
gelse if ( i > 0 kk tname. charA((i-1) == tname. charA(i)){
            confinue;
      Pelse ?
         s.o.Pln ("jalge");
        return;
     if (np == name.length()) {
      S.o.pln ("frue");
```

POWER of a String String str: "aabb ccccdefg", Brute Jorce 1. Find all the substring 2. Filter the substring containing single character being repeated 3. Out of the filtered substring, get the maximum length. Efficient Approach String str: "aabbcccccdefg";
int sublen=1, marlen=Integer. MIN.VALUE; for (int i:o; ixstr.lengfa(); i++) { 1) (i) 022 Str. charAt(i-1) == Str. charAt(i)) { Susten++; Jelsez maxlen: Math. max (sublen, maxlen); . Subten:1; maxlen = Math.max (Sublen, maxlen); S. o.Pln (maxlen); >clse > marlen's 2

0123476739101121314151111111919

```
limport java.io.*;
limport java.util.*;

description of subler is a public class Solution {

public static void main(String[] args) {
    /* Enter your code here. Read input from STDIN. Print output to Scanner sc = new Scanner(System.in);
    String str = sc.next();
    int sublen=1,maxlen=Integer.MIN_VALUE;
    for(int i=0;ivstr.length();i++){
        if(i>0&& str.charAt(i-1)==str.charAt(i)){
            sublen++;
    } else{
        maxlen = Math.max(sublen,maxlen);
            sublen=1;
    }
    maxlen = Math.max(sublen,maxlen);
    System.out.println(maxlen);
}
```