Merge Strings Alternatively



ans = RY

(2 pointers)

$$i = 0$$
, and $\neq = str1.chanAt(i) + str2.chanAt(i)$

```
public static String mergeString(String str1, String str2) {
    int i = 0;
    int j = 0;
    String ans = "";
    while ( i < str1.length() && j < str2.length() ) {
        ans += str1.charAt(i);
        ans += str2.charAt(j);
        i++;
        j++;
    }
    return ans;
}</pre>
```

Count Substring of 0 and 1

CountZero =
$$\emptyset$$
 \emptyset 7
count One = \emptyset \emptyset
ans = $0+2+2+2=8$

```
str = "11100/100000"
public static int countSubstring(String str) {
   int n = str.length();
   int i = 0;
   int ans = 0:
   while ( i < n ) {
       int countZero = 0; \
       int countOne = 0;
      __if ( str.charAt(i) == '0' ) {
         _while ( i < n && str.charAt(i) == '0' ) {
                                                                                   CountOne
                                                               Countzero
                                                     min = 2
          int i = i;
         while ( j < n && str.charAt(j) == '1' ) {
              countOne++;
                                                     min = 2
              j++;
     r} else {
         while ( i < n && str.charAt(i) == '1' ) {
              countOne++;
          int j = i;
                                                                 ans = 6
        while ( j < n && str.charAt(j) == '0' ) {</pre>
              countZero++;
       ans = ans + Math.min( countZero, countOne );
                                                      T.C = O(N)
   return ans;
```

operation = 2x N

Long Pressed Name

str = "alex" typed = "aaleex" -if (charati == charatj){

i++; j++;

Str = "alex"

j++;

typed = "aaleeax" else if (charatj== charatj-1)