Contest Problems (/problemset/all/) Mock(/interview/) Contest Discuss(/discuss/) Storedata=eyJ1cmwiOiAiaHR0cHM6Ly9sZWV0Y29kZS5jb20vZGlzY3Vzcy9nZW

5676. Minimum Changes To Make Alternating Binary String

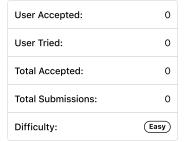
My Submissions (/contest/weekly-contest-228/problems/minimum-changes-to-make-alternating-binary-string/submissions/)

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You are given a string s consisting only of the characters '0' and '1'. In one operation, you can change any '0' to '1'

The string is called alternating if no two adjacent characters are equal. For example, the string "010" is alternating, while the string "0100" is not.

Return the minimum number of operations needed to make s alternating.



Example 1:

```
Input: s = "0100"
Output: 1
Explanation: If you change the last character to '1', s will be "0101", which is alternating.
```

Example 2:

```
Input: s = "10"
Output: 0
Explanation: s is already alternating.
```

Example 3:

```
Input: s = "1111"
Output: 2
Explanation: You need two operations to reach "0101" or "1010".
```

Constraints:

- 1 <= s.length <= 10⁴
- s[i] is either '0' or '1'.

```
₼ 2 
JavaScript
1 • /**
 2
     * @param {string} s
     * @return {number}
 3
 4
 5
    const minOperations = (s) => {
 6
        let n = s.length;
        let t1 = "0";
 7
        let t2 = "1";
 8
9 ▼
        for (let i = 1; i \le n - 1; i++) {
             if (t1[i - 1] == '0') {
t1 += '1';
10 ▼
11
12 ▼
             } else {
                 t1 += '0'
13
14
             if (t2[i - 1] == '0') {
15 ▼
                 t2 += '1';
16
17 ▼
             } else {
18
                 t2 += '0'
19
20
        return Math.min(compare(s, t1), compare(s, t2));
21
22
    };
23
24 ▼
    const compare = (s, t) \Rightarrow \{
25
         let cnt = 0;
26
        let n = s.length;
27
        for (let i = 0; i < n; i++) {
```

```
Minimum Changes To Make Alternating Binary String - LeetCode Contest
 28
               if (s[i] != t[i]) cnt++;
 29
          }
 30
          return cnt;
 31
     };
\ \square Custom Testcase
                       Use Example Testcases
                                                                                                                                 Run
                                                                                                                                            Submission Result: Accepted (/submissions/detail/455744072/) ?
                                                                                  More Details > (/submissions/detail/455744072/)
Share your acceptance!
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```