

## 5676. Minimum Changes To Make Alternating Binary String

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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'` or vice versa.

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.

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Easy

### 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:

- $1 \leq s.length \leq 10^4$
- `s[i]` is either `'0'` or `'1'`.

JavaScript



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

```
28         if (s[i] != t[i]) cnt++;
29     }
30     return cnt;
31 };
```

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