Description Solution Discuss (545) Submissions

926. Flip String to Monotone Increasing

Medium 1618 57 Add to List Share

A binary string is monotone increasing if it consists of some number of `0`'s (possibly none), followed by some number of `1`'s (also possibly none).

You are given a binary string `s`. You can flip `s[i]` changing it from `0` to `1` or from `1` to `0`.

Return *the minimum number of flips to make* `s` *monotone increasing*.

Example 1:

```
Input: s = "00110"
Output: 1
Explanation: We flip the last digit to get 00111.
```

Example 2:

```
Input: s = "010110"
Output: 2
Explanation: We flip to get 011111, or alternatively 000111.
```

Example 3:

```
Input: s = "00011000"
Output: 2
Explanation: We flip to get 00000000.
```

Constraints:

- `1 <= s.length <= 10^5`
- `s[i]` is either `'0'` or `'1'`.

Accepted 70,924 Submissions 122,748

Companies

C#

```
public class Solution {
    public int MinFlipsMonoIncr(string
        int one =0;
        int flip =0;
        for(int i=0; i<
i++)
        {
            if(s[i] ==
            {
                one++;
            }
            else{
                flip++;
            }
            flip = Math
flip);
        }
        return flip;
    }
}
```

Testcase Run Code Result

Accepted Runtime: 121 ms

Your input "00110"

Output 1

Expected 1

Console Use Example Testcase

Problems Pick One Prev 16/30 Next Run Code Subm