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Description

Solution

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2380. Time Needed to Rearrange a Binary String

Medium

96

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You are given a binary string `s` . In one second, **all** occurrences of `"01"` are **simultaneously** replaced with `"10"` . This process **repeats** until no occurrences of `"01"` exist.

Return *the number of seconds needed to complete this process*.

Example 1:

Input: `s = "0110101"`

Output: `4`

Explanation:

After one second, `s` becomes `"1011010"`.

After another second, `s` becomes `"1101100"`.

After the third second, `s` becomes `"1110100"`.

After the fourth second, `s` becomes `"1111000"`.

No occurrence of `"01"` exists any longer, and the process needed 4 seconds to complete,

so we return 4.

Example 2:

Input: `s = "11100"`

Output: `0`

Explanation:

No occurrence of `"01"` exists in `s`, and the processes needed 0 seconds to complete,

so we return 0.

Constraints:

•

`1 <= s.length <= 1000`

•

`s[i]` is either `'0'` or `'1'` .

Accepted 11,660

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class Solution {

public int secondsToRemoveOccurrences(String s) {

}

}

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