

1864. Minimum Number of Swaps to Make the Binary String Alternating

Description

Given a binary string `s`, return *the minimum number of character swaps to make it alternating*, or `-1` if it is impossible.

The string is called **alternating** if no two adjacent characters are equal. For example, the strings `"010"` and `"1010"` are alternating, while the string `"0100"` is not.

Any two characters may be swapped, even if they are **not adjacent**.

Example 1:

```
Input: s = "111000"
Output: 1
Explanation: Swap positions 1 and 4: "1 110 00" -> "1 010 10"
The string is now alternating.
```

Example 2:

```
Input: s = "010"
Output: 0
Explanation: The string is already alternating, no swaps are needed.
```

Example 3:

```
Input: s = "1110"
Output: -1
```

Constraints:

- `1 <= s.length <= 1000`
- `s[i]` is either `'0'` or `'1'`.

