1221. Split a String in Balanced Strings

Description

Balanced strings are those that have an equal quantity of `'L'` and `'R'` characters.

Given a **balanced** string `s` , split it into some number of substrings such that:

- Each substring is balanced.

Return *the **maximum** number of balanced strings you can obtain.*

Example 1:

```
Input: s = "RLRRLLRLRL"
Output: 4
Explanation: s can be split into "RL", "RRLL", "RL", "RL", each substring contains same number of 'L' and 'R'.
```

Example 2:

```
Input: s = "RLRRRLLRLL"
Output: 2
Explanation: s can be split into "RL", "RRRLLRLL", each substring contains same number of 'L' and 'R'.
Note that s cannot be split into "RL", "RR", "RL", "LR", "LL", because the 2ⁿᵈ and 5ᵗʰ substrings are not balanced.
```

Example 3:

```
Input: s = "LLLLRRRR"
Output: 1
Explanation: s can be split into "LLLLRRRR".
```

Constraints:

- `2 <= s.length <= 1000`
- `s[i]` is either `'L'` or `'R'` .
- `s` is a **balanced** string.