

1221. Split a String in Balanced Strings

Easy

Topics

Hint

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 = "RLRLLRLRL"`
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 = "RLRRRLRLRL"`
Output: 2
Explanation: `s` can be split into "RL", "RRRLRLRL", 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.

Seen this question in a real interview before? 1/4

Yes

No

Accepted 289.9K

Submissions 337.6K

Acceptance Rate 85.9%

Topics	▼
Hint 1	▼
Hint 2	▼
Similar Questions	▼
Discussion (33)	▼