

856. Score of Parentheses

Medium 1375 47 Add to List Share

Given a balanced parentheses string `s`, compute the score of the string based on the following rule:

- `()` has score 1
- `AB` has score `A + B`, where A and B are balanced parentheses strings.
- `(A)` has score `2 * A`, where A is a balanced parentheses string.

Example 1:

Input: `"()"`
Output: 1

Example 2:

Input: `"(())"`
Output: 2

Example 3:

Input: `"()()"`
Output: 2

Example 4:

Input: `"((()()))"`
Output: 6

```
1 class Solution {
2     public int scoreOfParentheses(String S) {
3
4     }
5 }
```