

32. Longest Valid Parentheses

Difficulty : Hard

<https://leetcode.com/problems/longest-valid-parentheses>

Given a string containing just the characters '(' and ')', return *the length of the longest valid (well-formed) parentheses substring*.

Example 1:

Input: `s = "()"`

Output: 2

Explanation: The longest valid parentheses substring is "()".

Example 2:

Input: `s = "()()"`

Output: 4

Explanation: The longest valid parentheses substring is "()()".

Example 3:

Input: `s = ""`

Output: 0

Constraints:

- $0 \leq s.length \leq 3 \times 10^4$
- `s[i]` is '(' or ')'