

921. Minimum Add to Make Parentheses Valid

Description

A parentheses string is valid if and only if:

- It is the empty string,
- It can be written as `AB` (`A` concatenated with `B`), where `A` and `B` are valid strings, or
- It can be written as `(A)`, where `A` is a valid string.

You are given a parentheses string `s`. In one move, you can insert a parenthesis at any position of the string.

- For example, if `s = "())"`, you can insert an opening parenthesis to be `"(())"` or a closing parenthesis to be `"(())"`.

Return *the minimum number of moves required to make* `s` *valid*.

Example 1:

```
Input: s = "())"
Output: 1
```

Example 2:

```
Input: s = "((("
Output: 3
```

Constraints:

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

