

20. Valid Parentheses

Easy

👍5867

🔗244

♥Add to List

🔗Share

Given a string `s` containing just the characters `'('`, `')'`, `'{'`, `'}'`, `'['` and `']'`, determine if the input string is valid.

An input string is valid if:

1. Open brackets must be closed by the same type of brackets.
2. Open brackets must be closed in the correct order.

Example 1:

Input: `s = "()"`

Output: `true`

Example 2:

Input: `s = "()[]{}"`

Output: `true`

Example 3:

Input: `s = "("`

Output: `false`

Example 4:

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

Output: `false`

Example 5:

Input: `s = "{[]}"`

Output: `true`

Constraints:

- $1 \leq s.length \leq 10^4$
- `s` consists of parentheses only `'()[]{}'`.