

20. Valid Parentheses

Easy

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Hint

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

An input string is valid if:

- Open brackets must be closed by the same type of brackets.
- Open brackets must be closed in the correct order.
- Every close bracket has a corresponding open bracket of the same type.

Example 1:

Input: `s = "()"`

Output: `true`

Example 2:

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

Output: `true`

Example 3:

Input: `s = "("`

Output: `false`

Example 4:

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

Output: `true`

Example 5:

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

Output: `false`

Constraints:

- `1 <= s.length <= 104`
- `s` consists of parentheses only `'()[]{}'`.

Seen this question in a real interview before? 1/5

Yes

No

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