

## Valid Parentheses - LeetCode

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## 20. Valid Parentheses

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.
3. 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`

### Constraints:

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