

20. Valid Parentheses

Difficulty : Easy

<https://leetcode.com/problems/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

Constraints:

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