Valid Parentheses (LeetCode Question #20)

Difficulty: Easy
Topics: Stack, String Manipulation

Problem Statement:
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.

Examples:

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:
- `s` consists only of '(', ')', '{', '}', '[' and ']' characters.
- 1 <= `s.length` <= 10^4

Hint:
Use a stack to help ensure brackets close in the correct order and type.