Task(15.1)

Stack leetcode problem

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:

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

Link to the problem:
https://leetcode.com/problems/valid-parentheses/description/?envType=problem-list-v2&envId=stack

Thank You