

Valid Paranthesis

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class Solution:
    def isValid(self, s: str) -> bool:
        stack = []
        open_bracket = {'(', '[', '{'}
        closed_bracket = {')', ']', '}'}

        if s == '':
            return False

        for i in s:
            if i in open_bracket:
                stack.append(i)
            if i in closed_bracket:
                if stack != [] and ((i == ')') and stack[-1]
                    stack.pop()
                else:
                    return False
        return len(stack) == 0
```

Initially I used a variable that stored previous pushes, however this was inefficient and a waste of memory

I stuck with using sets for membership checks as it was $O(1)$ so the operation was efficient and quick