Valid Parantheses
Islouig the valid parantheres problem→Q classic ux case for a stack.
in the string:
in the string:
1. If it's an opening bracket - push it outs the stack 2. If it's a closing bracket:
2. If it a closing bracket:
If the stock is empty - X involed
Pop the top and check if it matches the expected year
locelet → if not, × involúd
3. At the end, the stack should be empty for a valid string.
Matching Pais: [Use a host map for quick looking:
unoidesed mas color chas notel = { (1); '(1); { T, '(1);
Matching Pais: [Use a host map of quick looky: unordered map a char match = {{'}}', '('); {'}; {'}', '{'}};
Edge Cases: [")("- × invalid (wing Ades) "((("- × invalid (never closed)
"(((" - X invaled (never closed)
"([]{})" - Voled (cossect nesting)
Vine & Space: Complexity: 7. Time: O(1)- sean each character once
Time & Space: Complexity: 7. Time: O(1) - sean each chasacter once · Tpace; O(1) - wast - case stack usage