📄 Description   🔺 Solution   💬 Discuss (999+)   🕐 Submissions   *i* C++ ▼   Autocomplete   *i* {} ↺ ⚙ ⛶

Success   Details ›

Runtime: **4 ms**, faster than **9.23%** of C++ online submissions for Minimum Add to Make Parentheses Valid.

Memory Usage: **6.4 MB**, less than **18.40%** of C++ online submissions for Minimum Add to Make Parentheses Valid.

Next challenges:

(Minimum Number of Swaps to Make the String Balanced)

Show off your acceptance: [f] [t] [in]

Time Submitted	Status	Runtime	Memory	Language
11/21/2021 02:01	Accepted	4 ms	6.4 MB	cpp

```cpp
class Solution {
public:
    int minAddToMakeValid(string s) {
        stack<char> pila;

        for(int i=0; i<s.size(); i++){
            if(s[i]=='(')
                pila.push('(');
            else if(s[i] == ')'){
                if(pila.size() == 0)
                    pila.push(')');
                else if(pila.top() == ')')
                    pila.push(')');
                else
                    pila.pop();
            }
        }

        return pila.size();
    }
};
```