

Success Details

Runtime: 0 ms, faster than 100.00% of C++ online submissions for Valid Parentheses.

Memory Usage: 6.4 MB, less than 10.07% of C++ online submissions for Valid Parentheses.

Next challenges:

- Generate Parentheses
- Longest Valid Parentheses
- Remove Invalid Parentheses
- Check If Word Is Valid After Substitutions

Show off your acceptance: [f](#) [t](#) [in](#)

Time Submitted	Status	Runtime	Memory	Language
09/24/2021 16:18	Accepted	0 ms	6.4 MB	cpp
09/20/2021 18:55	Accepted	3 ms	6.3 MB	cpp
09/20/2021 18:54	Runtime Error	N/A	N/A	cpp
09/20/2021 18:53	Runtime Error	N/A	N/A	cpp
09/20/2021 18:53	Runtime Error	N/A	N/A	cpp
09/20/2021 18:52	Wrong Answer	N/A	N/A	cpp
09/20/2021 18:51	Wrong Answer	N/A	N/A	cpp
09/20/2021 18:51	Wrong Answer	N/A	N/A	cpp
09/20/2021 18:49	Wrong Answer	N/A	N/A	cpp
09/20/2021 18:47	Wrong Answer	N/A	N/A	cpp
09/20/2021 18:47	Wrong Answer	N/A	N/A	cpp
11/11/2020 23:15	Accepted	216 ms	13.8 MB	python
11/11/2020 23:13	Wrong Answer	N/A	N/A	python
11/11/2020 23:13	Wrong Answer	N/A	N/A	python
11/11/2020 23:12	Wrong Answer	N/A	N/A	python

```

1  #include <stack>
2  using namespace std;
3  class Solution {
4  public:
5      bool isValid(string s) {
6          stack<char> stack;
7          if (s.size() <= 1) {
8              return false;
9          }
10         for (int i = 0; i < s.size(); i++) {
11             if (s[i] == '{' || s[i] == '(' || s[i] == '[') {
12                 stack.push(s[i]);
13                 continue;
14             }
15             else {
16                 if (stack.empty())
17                     return false;
18                 switch (s[i]) {
19                     case '}':
20                         if (stack.top() != '{')
21                             return false;
22                         break;
23                     case ')':
24                         if (stack.top() != '(')
25                             return false;
26                         break;
27                     case ']':
28                         if (stack.top() != '[')
29                             return false;
30                         break;
31                 }
32             }
33             if (!stack.empty())
34                 stack.pop();
35         }
36         return stack.empty();
37     }
38 };
39
40
41

```

Need more space? Try using full screen mode!

Got it!

Problems

Pick One

< Prev

20/2015

Next >

Console

Contribute

Run Code

Submit