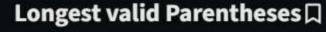
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All







Accuracy: 26.13% Difficulty: Hard Submissions: 146K+ Points: 8 Average Time: 20m

Given a string s consisting of opening and closing parenthesis '(' and ')'. Find the length of the longest valid parenthesis substring.

A parenthesis string is valid if:

- For every opening parenthesis, there is a closing parenthesis.
- The closing parenthesis must be after its opening parenthesis.

Examples:

Input: s = "((()"

Output: 2

Explanation: The longest valid parenthesis substring is "()".

Input: s = ")()())"

Output: 4

Explanation: The longest valid parenthesis substring is "()()".

Next >>

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Input: s = "())()"

```
Start Timer
     Java (1.8) +
       ( ) // 3 Driver Code Ends
   22 class Solution {
            static int maxLength(String s) {
   23
               Stack<Integer> st = new Stack<>();
   24
               st.push(-1);
   25
                int maxLen = 0;
   26
                for(int i = 0 ; i<s.length(); i++){</pre>
   27
                    if(s.charAt(i) == '('){
   28
                        st.push(i);
   29
   30
                    }else{
                        st.pop();
   31
                        if(st.empty()){
   32
   33
                            st.push(i);
                        }else{
   34
                            maxLen = Math.max(maxLen, i - st.peek());
   35
   36
   37
40
               return maxLen:
    39
   40
   41
```

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