

## Valid Parentheses (/problems/valid-parentheses/)

## Submission Detail

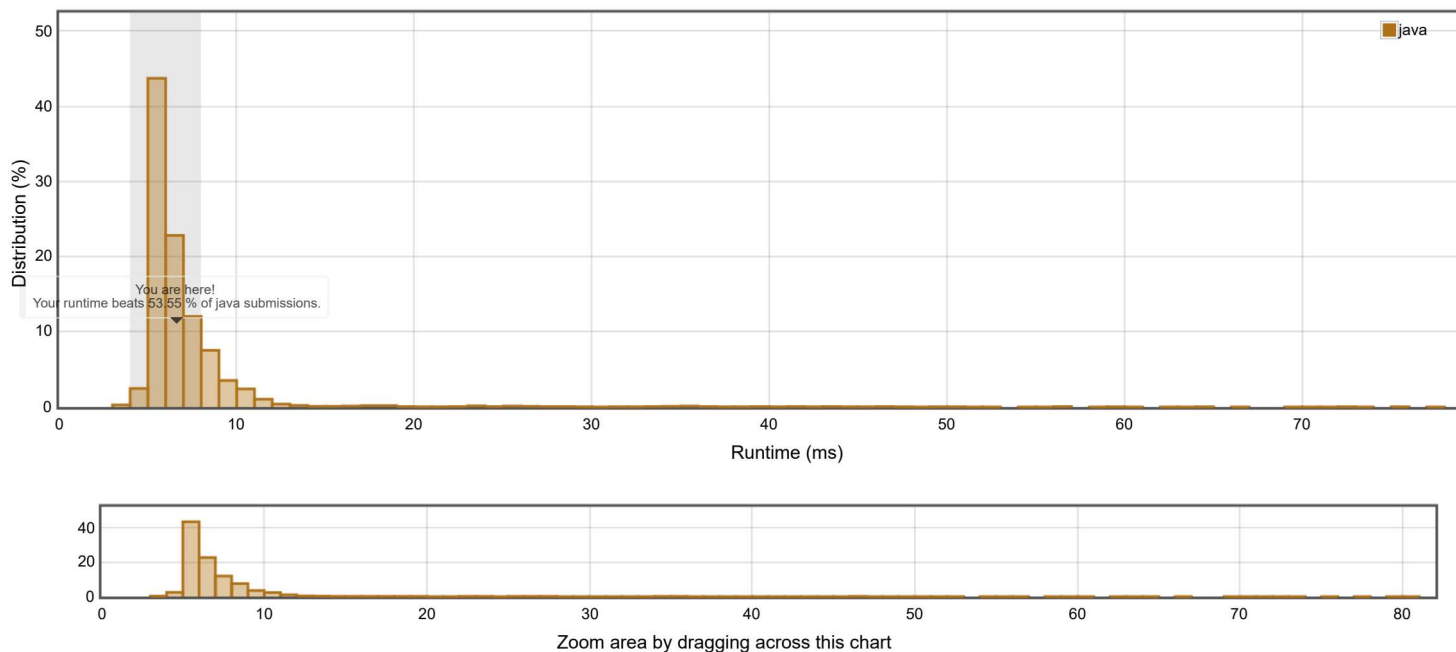
76 / 76 test cases passed.

Runtime: 6 ms

Status: Accepted

Submitted: 1 month, 2 weeks ago

## Accepted Solutions Runtime Distribution

Invite friends to challenge **Valid Parentheses**

Submitted Code: 1 month, 2 weeks ago

Language: java

[Edit Code](#)


```
1 class Solution {
2     public boolean isValid(String s) {
3         Stack<Character> stack = new Stack<Character>();
4         if(s == ""){
5             return true;
6         }else{
7             for(int i=0;i<s.length();i++){
8                 if((s.charAt(i)=='[') || (s.charAt(i)=='{' ) || (s.charAt(i)=='(')){
9                     stack.push(s.charAt(i));
10                }else if((s.charAt(i)==']') || (s.charAt(i)=='}') || (s.charAt(i)=='')){
11                    {
12                        if(stack.isEmpty() == false){
13                            char temp=stack.peek();
14                            if((temp == '{' && (s.charAt(i)=='}') ||
15                               (temp == '[' && (s.charAt(i)==']') ||
16                               (temp == '(' && (s.charAt(i)=='')){
17                                stack.pop();
18                            }else{
19                                return false;
20                            }
21                        }
22                    }
23                }else{
24                    return false;
25                }
26            }
27        }
28        boolean ans=stack.isEmpty();
29        if(ans){
```

```
30         return true;
31     }else{
32         return false;
33     }
34
35     }
36
37     }
38 }
```

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