

PromptScratchpadOur Solution(s)Video ExplanationRun Code

Solution 1

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 class Program {
4     // O(n) time | O(n) space
5     func balancedBrackets(string: String) -> Bool {
6         let openingBrackets = "([{"
7         let matchingBrackets: [Character: Character] = [")": "(", "]"": "[", "}": "{"]
8
9         var stack = [Character]()
10
11         for character in string {
12             if openingBrackets.contains(character) {
13                 stack.append(character)
14             } else {
15                 if stack.count == 0 {
16                     return false
17                 } else {
18                     if let lastCharacter = stack.last, lastCharacter == matchingBrackets[ch
19                         stack.popLast()
20                 } else {
21                     return false
22                 }
23             }
24         }
25     }
26
27     return stack.count == 0
28 }
29
30
```

Your SolutionsRun Code

Solution 1Solution 2Solution 3

```
1 class Program {
2     func balancedBrackets(string: String) -> Bool {
3         // Write your code here.
4         return false
5     }
6 }
7
```

Custom OutputRaw OutputSubmit Code

Run or submit code when you're ready.