

Our Solution(s)	Run Code	Your Solutions	Run Code
<div>Solution 1</div> <pre>1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved. 2 3 using System.Collections.Generic; 4 5 public class Program { 6 // O(n) time O(n) space 7 public static bool BalancedBrackets(string str) { 8 string openingBrackets = "([{"; 9 string closingBrackets = ")]}"; 10 Dictionary<char, char> matchingBrackets = new Dictionary<char, char>(); 11 matchingBrackets.Add(')', '('); 12 matchingBrackets.Add(']', '['); 13 matchingBrackets.Add('}', '{'); 14 List<char> stack = new List<char>(); 15 for (int i = 0; i < str.Length; i++) { 16 char letter = str[i]; 17 if (openingBrackets.IndexOf(letter) != -1) { 18 stack.Add(letter); 19 } else if (closingBrackets.IndexOf(letter) != -1) { 20 if (stack.Count == 0) { 21 return false; 22 } 23 if (stack[stack.Count - 1] == matchingBrackets[letter]) 24 stack.RemoveAt(stack.Count - 1); 25 else { 26 return false; 27 } 28 } 29 } 30 return stack.Count == 0; 31 } 32 } 33</pre>		<div>Solution 1 Solution 2 Solution 3</div> <pre>1 public class Program { 2 public static bool BalancedBrackets(string str) { 3 // Write your code here. 4 return false; 5 } 6 } 7</pre>	

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1 def test():
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Run or submit code when you're ready.