Our Solution(s)   Run Code

Solution 1

```javascript
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// O(n) time | O(n) space
function balancedBrackets(string) {
  const openingBrackets = '([{';
  const closingBrackets = ')]}';
  const matchingBrackets = {')': '(', ']': '[', '}': '{'};
  const stack = [];
  for (const char of string) {
    if (openingBrackets.includes(char)) {
      stack.push(char);
    } else if (closingBrackets.includes(char)) {
      if (stack.length == 0) {
        return false;
      }
      if (stack[stack.length - 1] === matchingBrackets[char]) {
        stack.pop();
      } else {
        return false;
      }
    }
  }
  return stack.length === 0;
}

exports.balancedBrackets = balancedBrackets;
```

Your Solutions   Run Code

Solution 1   Solution 2   Solution 3

```javascript
function balancedBrackets(string) {
  // Write your code here.
}

// Do not edit the line below.
exports.balancedBrackets = balancedBrackets;
```

Our Tests

Custom Output   Submit Code

Run or submit code when you're ready.