Our Solution(s)   Run Code

Solution 1

```java
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import java.util.*;

class Program {
  // O(n) time | O(n) space
  public static boolean balancedBrackets(String str) {
    String openingBrackets = "([{";
    String closingBrackets = ")]}";
    Map<Character, Character> matchingBrackets = new HashMap<Chi
    matchingBrackets.put(')', '(');
    matchingBrackets.put(']', '[');
    matchingBrackets.put('}', '{');
    List<Character> stack = new ArrayList<Character>();
    for (int i = 0; i < str.length(); i++) {
      char letter = str.charAt(i);
      if (openingBrackets.indexOf(letter) != -1) {
        stack.add(letter);
      } else if (closingBrackets.indexOf(letter) != -1) {
        if (stack.size() == 0) {
          return false;
        }
        if (stack.get(stack.size() - 1) == matchingBrackets.get(
          stack.remove(stack.size() - 1);
        } else {
          return false;
        }
      }
    }
    return stack.size() == 0;
  }
}
```

Your Solutions   Run Code

Solution 1   Solution 2   Solution 3

```java
class Program {
  public static boolean balancedBrackets(String str) {
    // Write your code here.
    return false;
  }
}
```

Our Tests

Custom Output   Submit Code

Run or submit code when you're ready.