Solution 1 Solution 2 Solution 3

Our Solution(s)

Run Code

Your Solutions

12px

Run Code

```
Solution 1
```

21

22 23

24 25

26

31 32 } return false;

return false;

return stack.size() == 0;

} else {

stack.remove(stack.size() - 1);

```
_{\rm 1} // Copyright @ 2020 AlgoExpert, LLC. All rights reserved.
   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<Character, Character>
        matchingBrackets.put(')', '(');
matchingBrackets.put(']', '[');
matchingBrackets.put('}', '{');
12
13
         List<Character> stack = new ArrayList<Character>();
14
15
         for (int i = 0; i < str.length(); i++) {</pre>
16
           char letter = str.charAt(i);
           if (openingBrackets.indexOf(letter) != -1) {
             stack.add(letter);
18
           } else if (closingBrackets.indexOf(letter) != -1) {
19
20
            if (stack.size() == 0) {
```

if (stack.get(stack.size() - 1) == matchingBrackets.get(letter)) {

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

}
```

Run or submit code when you're ready.