```
package stacksqueues;
// Java program for checking
// balanced brackets
import java.util.*;
public class 1BalancedBrackets {
    // function to check if brackets are balanced
    static boolean areBracketsBalanced(String expr)
        // Using ArrayDeque is faster than using Stack class
        Deque<Character> stack
                = new ArrayDeque<Character>();
        // Traversing the Expression
        for (int i = 0; i < expr.length(); i++)
        {
            char x = expr.charAt(i);
            if (x == '(' || x == '[' || x == '{')
                // Push the element in the stack
                stack.push(x);
                continue;
            }
            // IF current current character is not opening
            // bracket, then it must be closing. So stack
            // cannot be empty at this point.
            if (stack.isEmpty())
                return false;
            char check;
            switch (x) {
                case ')':
                    check = stack.pop();
                    if (check == '{' | | check == '[')
                        return false;
                    break;
                case '}':
                    check = stack.pop();
                    if (check == '(' || check == '[')
                        return false;
                    break;
                case ']':
                    check = stack.pop();
                    if (check == '(' || check == '{')
                        return false;
                    break;
            }
        }
        // Check Empty Stack
        return (stack.isEmpty());
    }
    // Driver code
    public static void main(String[] args)
    {
        String expr = "([{}])";
        // Function call
        if (areBracketsBalanced(expr))
            System.out.println("Balanced");
```