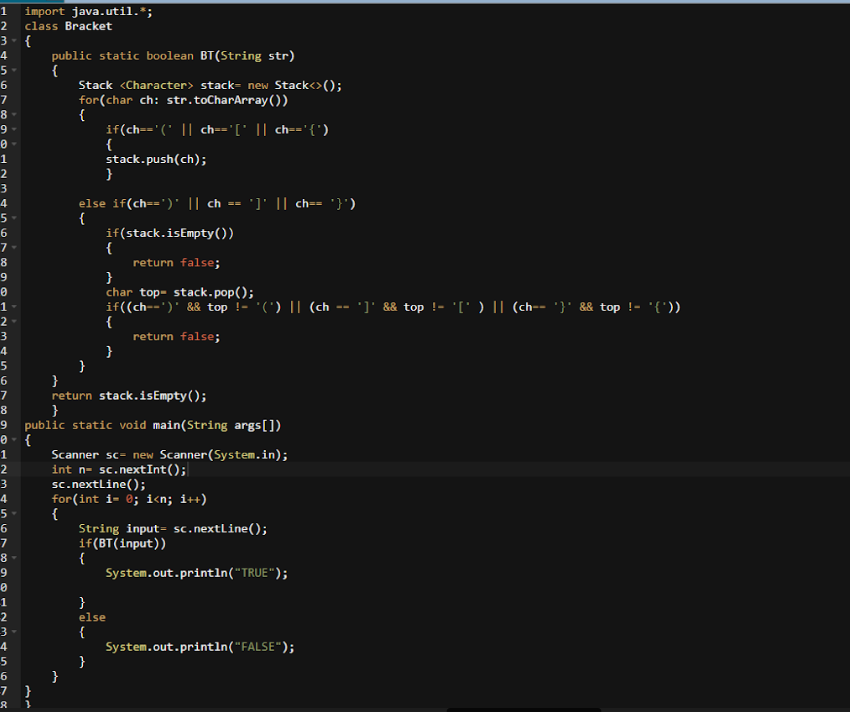
Program2

* Explanation: Declare a character stack (say temp).
* Now traverse the string exp.   
  + If the current character is a starting bracket ( ‘(‘ or ‘{‘  or ‘[‘ ) then push it to stack.
  + If the current character is a closing bracket ( ‘)’ or ‘}’ or ‘]’ ) then pop from the stack and if the popped character is the matching starting bracket then fine.
  + Else brackets are Not Balanced.
* After complete traversal, if some starting brackets are left in the stack then the expression is Not balanced, else Balanced.



Output: ({[]})

True(Balanced Parenthesis)

({]

False(Unbalanced Parenthesis)

Time complexity: O(n)