[**Valid Parentheses**](https://leetcode.com/problems/valid-parentheses/)

**import** java.util.Stack;

**public** **class** ValidParentheses {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

System.***out***.println(*isValid*("()]"));

}

**public** **static** **boolean** isValid(String s) {

**if**(s == **null** || s.length() == 0) {

**return** **true**;

}

Stack<Character> stack = **new** Stack<>();

**for**(**int** i = 0 ; i < s.length() ; i++) {

**if**(s.charAt(i) == '(' || s.charAt(i) == '{' || s.charAt(i) == '[') {

stack.push(s.charAt(i));

}

**else** **if**(stack.isEmpty() || (stack.peek() == '(' && s.charAt(i) != ')')) {

**return** **false**;

}

**else** **if**(stack.isEmpty() || (stack.peek() == '{' && s.charAt(i) != '}')) {

**return** **false**;

}

**else** **if**(stack.isEmpty() || (stack.peek() == '[' && s.charAt(i) != ']')) {

**return** **false**;

}

**else** {

stack.pop();

}

}

**return** stack.isEmpty();

}

}

Time Complexity : O(n ) , n is length of string

Space Complexity : O(n), n is length of string