**Valid Parentheses**

class Solution {

public boolean isValid(String s) {

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

for (char c : s.toCharArray()) {

if (c == '(')

stack.push(')');

else if (c == '{')

stack.push('}');

else if (c == '[')

stack.push(']');

else if (stack.isEmpty() || stack.pop() != c)

return false;

}

return stack.isEmpty();

}

}