class Solution {

public boolean isValid(String s) {

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

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

char ch=s.charAt(i);

if(ch=='(' || ch=='{' || ch=='['){

stack.push(ch);

}

else if(!stack.isEmpty() && ch==')' && stack.peek()=='('){

stack.pop();

}else if(!stack.isEmpty() && ch=='}' && stack.peek()=='{'){

stack.pop();

}else if(!stack.isEmpty() && ch==']' && stack.peek()=='['){

stack.pop();

} else{

return false;

}

}

return stack.isEmpty();

}

}