**import** java.util.Stack;

**class** **Solution** {

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

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

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

**if** (c == '(' || c == '{' || c == '[') stack.push(c);

**else** {

**if** (!stack.isEmpty()) {

**char** ch = stack.pop();

**if** (!isValid(c, ch)) **return** false;

} **else** {

**return** false;

}

}

}

**return** stack.isEmpty();

}

**private** boolean **isValid**(**char** c, **char** ch) {

**return** (ch == '(' && c == ')')

|| (ch == '{' && c == '}')

|| (ch == '[' && c == ']');

}

}