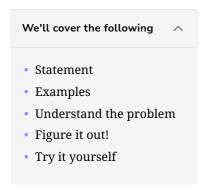


### Valid Parentheses

Try to solve the Valid Parentheses problem.



#### **Statement**

Given a string that may consist of opening and closing parentheses, your task is to check if the string contains valid parenthesization or not.

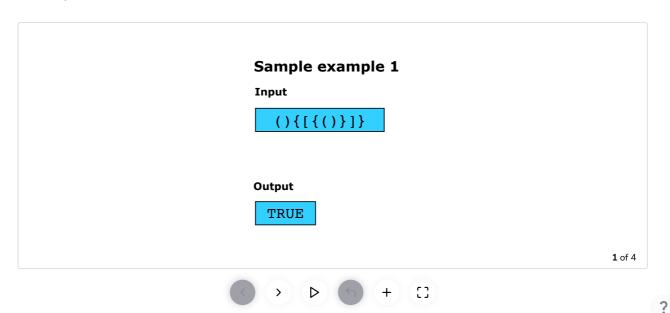
The conditions to validate are:

- 1. Every opening parenthesis should be closed by the same kind of parenthesis. So, {) and [(]) strings are invalid.
- 2. Every opening parenthesis must be closed in the correct order. So, ) ( and () (() are invalid.

#### **Constraints:**

- $1 \leq \text{string.length} \leq 10^4$
- The string will only contain the following characters: (, ), [, ], { and }.

### **Examples**

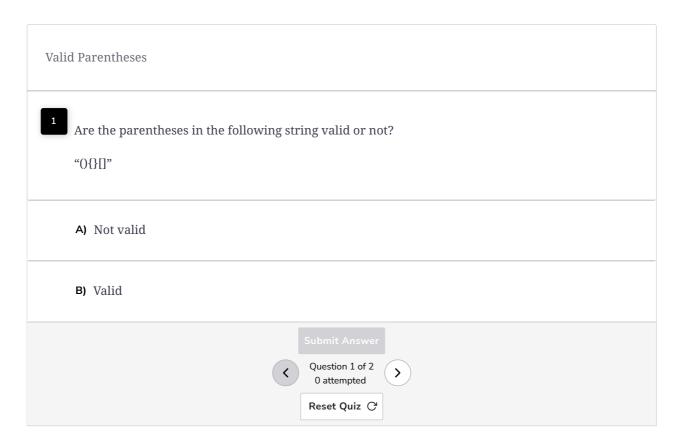


## Understand the problem

Let's take a moment to make sure you've correctly understood the problem. The quiz below helps you check if you're solving the correct problem:

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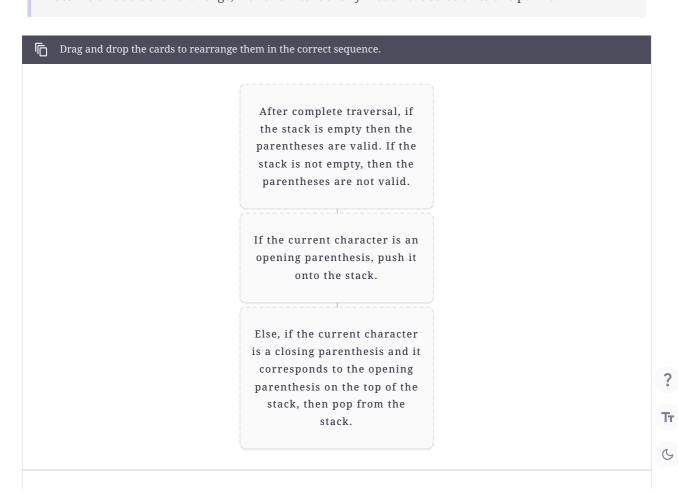
6

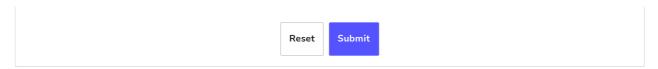


# Figure it out!

We have a game for you to play. Rearrange the logical building blocks to develop a clearer understanding of how to solve this problem.

Note: As an additional challenge, we have intentionally hidden the solution to this puzzle.





## Try it yourself

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Implement your solution in the following coding playground.

Mate: We have left the colution to this challenge as an eversion for you. You may try to translate the

