**Module Introduction**

Write a program to take a string containing '(', ')', '{', '}', '[' and ']' as input and output whether it's a valid string.

Problem Solving

**Objective**

Given a string containing the characters '(', ')', '{', '}', '[' and ']' as input, confirm if the input string is valid per the following rules:

Open brackets must be closed by the same type of brackets.

Open brackets must be closed in the correct order.

Assume that an empty string is also valid.

**Examples**

**Example 1**

Input: []

Output: true

**Example 2**

Input: []{}()

Output: true

**Example 3**

Input: {]

Output: false

**Example 4**

Input: ([)]

Output: false

**Example 5**

Input: {[()]}

Output: true