In-class assignment (due at 11:20AM, 03/12)

- Please write a function that takes a non-empty string, *my_string*, as input. This string only consists of the following characters: '[', ']', '(', and ')'. The function checks whether the string satisfies the following conditions: (1) each left bracket is closed by a right bracket with the same type, and (2) each pair of left-right brackets appear in the correct order. If the string satisfies these two conditions, the function returns *True*, other *False*. For example,

- If *my_string* = '[]', the function should return *True*.

- If *my_string* = '[]()', the function should return *True*.

- If *my_string* = ')(', the function should return *False*.

- If *my_string* = '[)', the function should return *False*.

- If *my_string* = '[(])', the function should return *False*.

- If *my_string* = '[()]', the function should return *True*.