**04 . Bracket Validator**

**Condition:**

Write a program that checks whether the parentheses in an arithmetic expression are placed correctly.

**Input:**

* On the first line, a set of brackets of different types is entered – “()”, ”{}”, ”[]”.

**Output:**

* “True” is returned if each opening parenthesis has its own closing parenthesis and the parentheses are correctly placed, otherwise “False” is returned.

**Examples:**

|  |  |
| --- | --- |
| **Input** | **Output** |
| (({[({})]})) | True |
| ((({[{]}))) | False |