Arithmetic expression parsing

Please design and implement an arithmetic expression parser that can evaluate strings like `((1+0)*(3+(4*5)))` to 23.0

Assumptions:

1. every binary operation `a+b` is wrapped in a pair of parentheses `(a+b)`.
2. all numbers in the input string have only one digit, which means 0-9.
3. every operation produces a float number. So the final result should be a float number.

Requirements:

1. support the following operations:

   - `+`
   - `-`
   - `*`
   - `/`