

Homework 9

In this homework, you are required to enhance your homework 4 on the calculator. You need to extend the state design pattern in your code for this homework.

1. You need to add the ability to handle open and close parentheses (and).
2. You need to add the ability to handle two new operators / and *.
3. You need to add the ability to handle floating numbers such as 9.9 or 10.0.

Please submit your resulting code and a short Word document explaining the rationale behind your code.