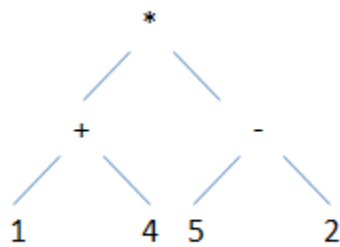# DESIGN PROBLEM #6

You are part of software development team that is developing the software to be used in calculators. To start, the software will only support the basic operations of addition (+), subtraction (-), multiplication (*) and division (/). Also, the calculator allows for sub-expressions using parenthesis, such as (1+4) * (5-2).

Use a design pattern covered in class to implement a solution that can be easily extended to support other binary operators (i.e. two operands) in the future.