CS232 - Assignment 9

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Q1) I have used Shunting Yard Algorithm to solve the expression tree. I have maintained two representative stacks one for values and other for operators and paranthesis. I went over the expression string once in the algorithm. Since precedence is resolved by only round brackets in above algorithm whenever I get a) bracket I pop two values from value stack and one operator and (from operator stack and add the result of operation to value stack. I have provided a lot of comments in my code and hence exact implementation can be easily understood line by line from them.