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PA1 Report

For this assignment I have created two cpp files that correspond to exercises one and two. The first is postfix.cpp, a file that can read and evaluate postfix mathematical expressions. It utilizes switch statements and strings along with the StackLinked template class to evaluate these expressions. The provided test file contains “#include StackLinked.cpp” but I instead chose to implement the StackLinked class in the StackLinked.h file as it is a templated class, which I have learned in CS 202, should be implemented with the header file. The other file is delimiters.cpp which is used to test if a mathematical expression is valid in terms of its use of delimiters. This program also utilizes stacks in order to make sure that all closing brackets have matching opening brackets. The log/output of my test cases will be included in another file in this same folder.

\* I felt like the formatting requirements for this assignment were kind of vague (Mostly because I am used to CS 202 where they were very strict and told you exactly how it should be), so I look forward to any feedback to make sure I am turning in the assignments properly in the format that you guys would like them. Thanks!