Lab Assignment 3 : Abstract Data Types - Stack

Q1. Write a program to use a stack to read an integer and print its prime divisors in ascending order

Q2. Parenthesis matching :

Write a program to examine whether the pairs of parenthesis "(", ")", "[", "]", "{", "}" in an expression string are correct in order

Output : Balanced

------Input : expression " ()(([]))}"

Output : Un-Balanced

Q3. You need to implement an Polish Notation calculator that will read in an Polish Notation expression from a file (specified as a command line argument) and print out (to stdout) the result of performing the computation. No other output is required.