

3) (5 pts) ALG (Stacks)

Convert the following infix expression to postfix using a stack. Show the contents of the stack at the indicated points (1, 2, and 3) in the infix expression.

$$(A + B) - ( \overset{1}{C} - ( \overset{2}{D} + \overset{3}{E} ) / F ) * G$$


1


2


3

Resulting postfix expression:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--