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.

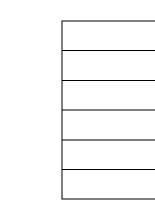
$$\mathbf{A} + (\mathbf{B} * (\mathbf{C} - \mathbf{D}))$$

$$(\mathbf{E} / \mathbf{F}) + \mathbf{G})$$

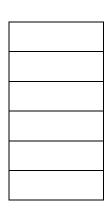
$$\mathbf{F}$$
) + \mathbf{G})

+ **H**





1



1

2

3

Resulting postfix expression:

1	ĺ		ĺ		ĺ	l						