

3) (5 pts) ALG (Stacks)

Evaluate the following postfix expression, showing the state of the stack at each of the indicated points.

9 8 5 1^A * - 3^B 2 * +^C / 9 + 5 /

1
5
8
9

A

3
3
9

B

9
9

C

Value of the Expression: 2

Grading: 1 pt for each stack (must be correct to get point), 2 pts for the final answer (no partial)