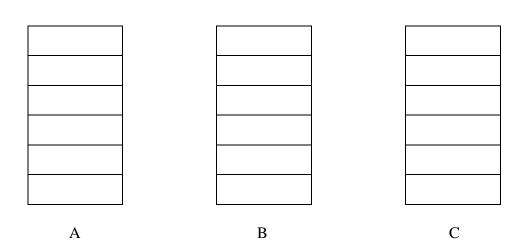
3) (5 pts) ALG (Stacks)

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

9 8 5 1 * - 3 2 * + C / 9 + 5 /



Value of the Expression:

Computer Science Foundation Exam

August 27, 2022

Section B

ADVANCED DATA STRUCTURES

NO books, notes, or calculators may be used, and you must work entirely on your own.

Name:					
UCFID:					

Question #	Max Pts	Category	Score
1	5	ALG	
2	10	ALG	
3	10	DSN	
TOTAL	25		

You must do all 3 problems in this section of the exam.

Problems will be graded based on the completeness of the solution steps and <u>not</u> graded based on the answer alone. Credit cannot be given unless all work is shown and is readable. Be complete, yet concise, and above all <u>be neat</u>. For each coding question, assume that all of the necessary includes (stdlib, stdio, math, string) for that particular question have been made.