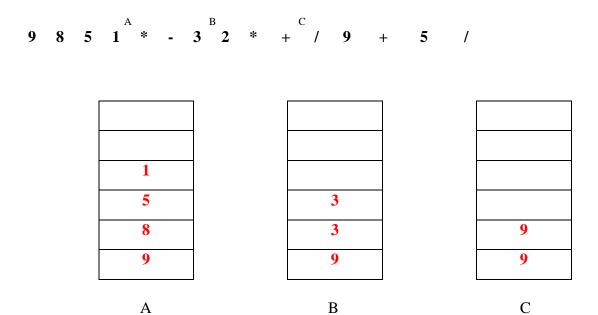
3) (5 pts) ALG (Stacks)

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



Value of the Expression: 2

A

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

Computer Science Foundation Exam

August 27, 2022

Section B

ADVANCED DATA STRUCTURES

SOLUTION

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.