**3)** (5 pts) ALG (Stack)

Consider the following C code that represents a stack that holds a list of values. Show the contents of the stack **right after** each indicated point commented (A, B, and C), under the assumption that the `followStack` function is called with a pointer to a `stack_t` that is empty.

```c
typedef struct node_s{
      int data;
      struct node_s * next;
}node_t;

typedef struct{
      node_t * top;
}stack_t;

void push(stack_t * s, int data);
int pop(stack_t * s);

void followStack(stack_t * myStack){

      int x;
      push(myStack, 12);
      push(myStack, 5);
      push(myStack, -8);
      x = pop(myStack);
      x = pop(myStack);
      push(myStack, 23); //A
      x = pop(myStack);
      push(myStack, 17);
      push(myStack, -3);
      x = pop(myStack);
      x = pop(myStack);
      push(myStack, 9);
      push(myStack, 6); //B
      push(myStack, -14);
      x = pop(myStack);
      x = pop(myStack);
      x = pop(myStack);
      push(myStack, 34);
      x = pop(myStack); //C
}
```

	A		B		C
			6		
	23		**9**		
Bottom	**12**	Bottom	**12**	Bottom	**12**
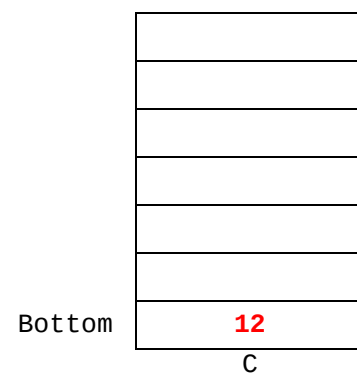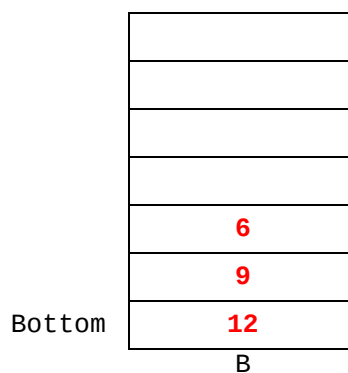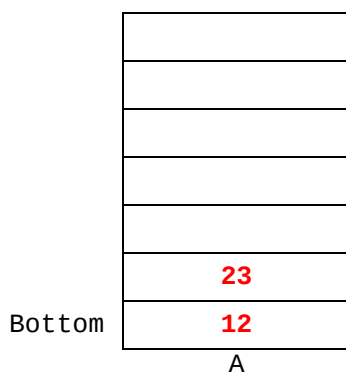
Grading: 1 pt first stack, 2 pts second stack, 2 pts last stack, can only award partial credit for stacks B and C (1 pt if it's close).