

C in a Nutshell, Pointers, and Basic Data Structures

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1. What's the problem with loops in linked list structures?
2. Write the C code for a function that, given a singly linked list with no loop, reverses the list.
3. Implement a bounded stack and a bounded queue of integers. Provide the functions `push`, `pop`, `isEmpty`. Keep in mind that popping an integer from an empty structure should return an error.