

1. List three reasons why you would want to use a linked list over a plain C array.
2. List three reasons why you would want to use a plain C array (or another data structure) over a linked list.
3. Linked lists are often used to implement stacks and queues. Suppose you have a program that has a queue of customers (implemented with a linked list) and you want to store the following information about each customer:
 - first name
 - last name
 - age
 - satisfaction rating (number between 0 and 1)

Write a struct definition for a node in this linked list, where each node represents a single customer. You should end up with four fields. Also, what size (in bytes) would each node be?