CS 1713
Introduction to Computer Programming II
Recitation 12

1. (100 pts) Implement the following functions for linked lists. You can assume that all the nodes in the linked list are distinct and each node appears in the list at most once.

```
node *delete(node *head, int k)
node *recursivedelete(node *head, int k)
```

   - *delete* deletes the node with info k from the linked list and returns the new linked list. It returns the linked list without modification if k does not appear in the list.
   - *recursivedelete* is a recursive function that deletes the node with info k from the linked list and returns the new linked list. It returns the linked list without modification if k does not appear in the list.

This is an in-class exercise and no submission is required.