2) (5 pts) DSN (Linked Lists)

Given the linked list structure named `node`, defined in lines 1 through 4, and the function named `eFunction` defined in lines 6 through 14, answer the questions below.

```
 1 typedef struct node {
 2          int data;
 3          struct node * next;
 4 } node;
 5
 6 node* eFunction(node* aNode){
 7    if(aNode == NULL) return NULL;
 8    if(aNode->next == NULL) return aNode;
 9
10    node* rest = eFunction(aNode->next);
11    aNode->next->next = aNode;
12    aNode->next = NULL;
13    return rest;
14 }
```

(a) (1 pt) Is this function recursive? (Circle the correct answer below.)

   YES   NO

(b) (2 pts) What does the function eFunction do, in general to the list pointed to by its formal parameter, aNode?

(c) (2 pts) What important task does line 12 perform?