2) (10 pts) DSN (Linked Lists)

Suppose we have a singly linked list implemented with the structure below. Write a function that will convert it into a circular linked list and return the pointer to the beginning of the circle.

```
struct node {
    int num;
    struct node* next;
};

struct node * make_circle(struct node * head) {

    // checks to see if head is null
    // 2 points
    if (head == NULL)
       return NULL;

    // create a new node to traverse list
    // 1 point
    struct node *helper = head;

    // advance through list until we find the end
    // 4 points
    while (helper->next != NULL)
       helper = helper->next;

    // connect the end of the list to the front
    // 2 points
    helper->next = head;

    // return the head of the list
    // 1 point
    return head;



}
```