ASKC 215
5:30 - 7:20 in

Thursday June 16th
1. Empty list
2. On item
3. Two items

if empty is

set next pointer to NULL

prev next item i:

add

two nodes form a list

write the code to remove the last
```plaintext
1. head = null;
   if (!head) {
      delete head;
      return;
   } else {
      if (head->next) {
         delete head->next;
         head = null;
      }
   }
2. if (head) {
   head = null;
      delete head;
         }
3. }
```
Recursive
def deletion(head)
    if (head) 
        deletion(head->next);
    else if (head->next)
        delete head->next;
    delete head;
    head = NULL;
}

void deletion2(void *head)

void * head = head;

head = NULL;
head = NULL;
if delete last2 (head -> next) else
Remove all but the last node in a LLL.
def print_list(head):
    current = head
    while current:
        print(current.data)
        current = current.next

def delete_node(data):
    current = head
    prev = None
    while current:
        if current.data == data:
            if prev is None:
                head = current.next
            else:
                prev.next = current.next
            return
        prev = current
        current = current.next

def is_empty(head):
    if head:
        return False
    else:
        return True
delete head?

if (head != NULL)
{
    head = temp;
    delete head;
}
else
{
    node * temp = head;
    node * node = head->next;

    if (node == head || head->next == head)
    {
        remove all but last (node * head);
        return;
    }

    void remove all but last (node * head);
}
#includes

prototypes

-> structs and/or class interfaces

cpp
#include "h"

*NOT* contain functions that have bodies
char ** twodarray;

twodarray = new char *[size];

for (int i = 0; i < size; ++i) {  
    twodarray[i] = new char [col];
}

twodarray[1][3] = 'z';
\[ z_1 = (3 + (1 + 9 + 9)) \]
\[ a[i] = (a + i)^* \]