

Wrap up

CSSE 221

Fundamentals of Software Development Honors

Rose-Hulman Institute of Technology

Announcements

- All C Projects due Friday 5:00 pm
- Final Exam Monday night, 6-10 pm, here and next door.
- I emailed a new testDriver script

LinkedList Hints

- Use your debugger!
- Say you are iterating through the list until you hit the tail node, looking for a value to delete.
- Don't use:
`while (curr->data != -1)`
 - Why not?
- Instead, use:
 - `while (curr != list->tail)`
 - Why? What is this checking?
- And on recursion, you might need to check if `curr->next == NULL`

Exam Topics

Heavy emphasis:

1. Data structures
 1. Arrays, Lists, Stacks, Queues, Sets, and Maps
2. Sorting (3 methods) and searching (seq. and binary)
3. Big-oh efficiency
 1. loops
 2. data struct operations
 3. sorting and searching
 4. using sorted data
4. Recursion
5. C language
6. Linked Lists

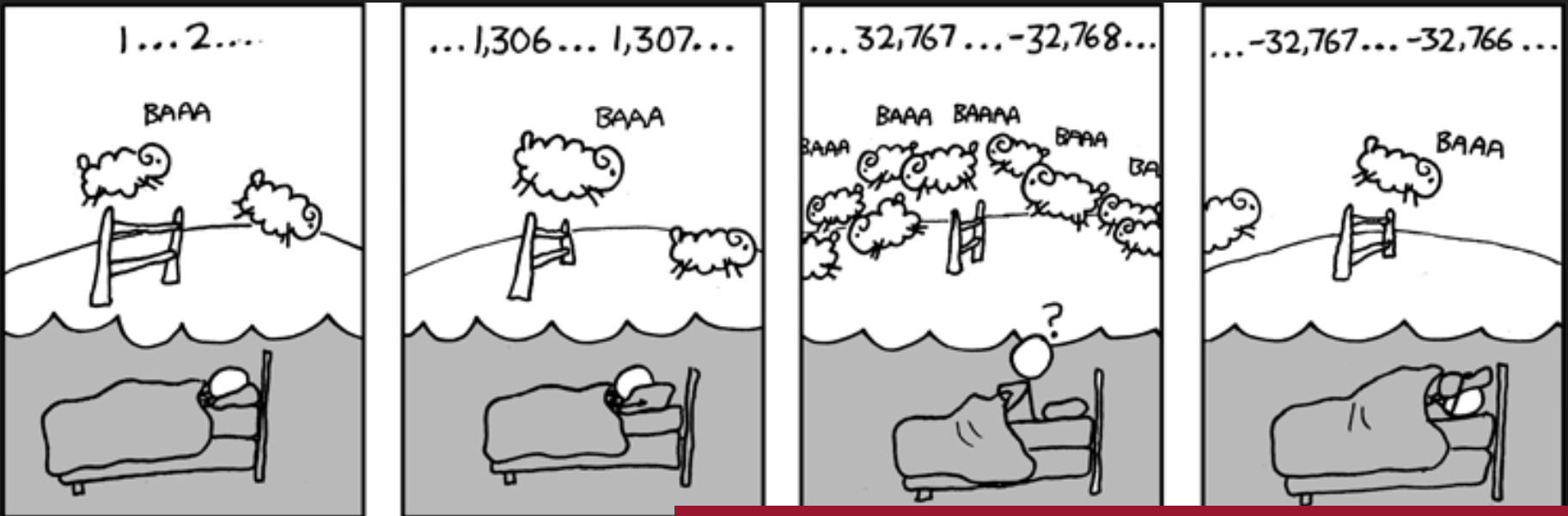
Other things you should know. It's a comprehensive exam, so everything is fair game:

1. Unit testing
2. UML
3. Func. Objects/Comparators
4. Inheritance and polymorphism
5. Iterators
6. Threads and animation
7. GUIs
8. File I/O

Questions on Final Exam?

Can't sleep

<http://www.xkcd.com/571/>



If androids someday DO dream of electric sheep, don't forget to declare `sheepCount` as a long int.

Course evals

- See supplementary slideshow
- Do them now on Banner Web
- Then take a break
- Then you have time to work on linked lists.
- The remainder of class will be LinkedList worktime and debugging

Have a great weekend!

- May next Monday be a strong finish to a great term!