

Wrap up

CSSE 221

Fundamentals of Software Development Honors

Rose-Hulman Institute of Technology

Announcements

- Final Exam Wednesday evening
 - 6:00 pm-10:00 pm
 - 0157 (Sec 1), 0159 (Sec 2)
- I committed [SortAndSearchInClass](#) to public repo.
 - Study for Final Exam
 - Study the provided [SinglyLinkedListSolution](#) in your individual repo

Exam Topics

Heavy emphasis:

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

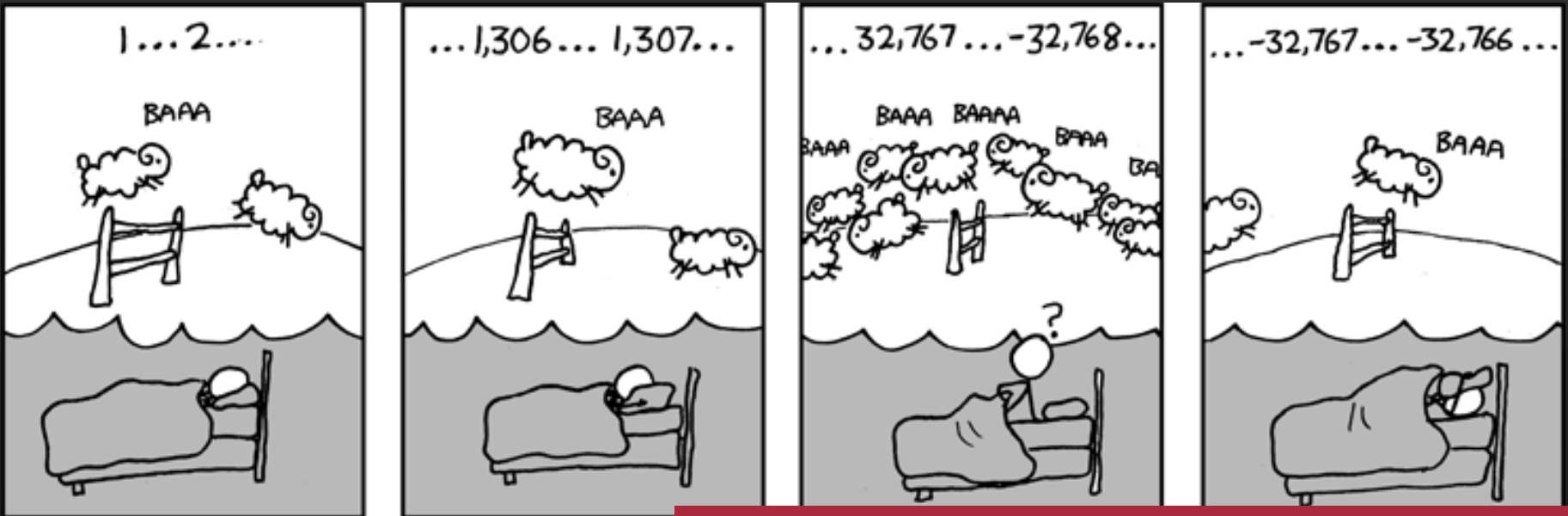
Other things you should know. It's a comprehensive exam, so everything is fair game:

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
9. Exception handling
10. Event driven programming
11. Fork-Join parallelism

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.