Last Day

12-9-2002

Opening Discussion

- What did we talk about last class?
- Do you have any questions about the assignment?
- Do you have any questions about the final and the review sheet?

Code

- We want to go over the code for a linked list real quick now. If at any point you have problems with code that involved linked lists or other recursive data structures that involve pointers I highly recommend that you draw pictures to help you through them.

What you have learned this semester

- Basics of computers
  - You know something of the layout of a computer and how it represents information.
- Basics of computer logic
  - Conditionals, loops, Boolean logic
- How to decompose problems into their pieces.
  - Breaking up a problem into functions. Top-down and bottom-up design.

More that you have learned

- Use of arrays to store values.
  - You know how to manipulate them, sort them, and search for values in them.
- Recursion
  - You know how to write and use recursive functions and create divide and conquer algorithms.
- Files
  - You can store and access data that is in places where it won't disappear when the program stops.

Last set of stuff

- Structures and unions
  - You know how to group data together in logical ways. It also helps us in moving the data around.
- Linked Lists
  - Right here at the end you learned another way to store values in linked lists. You probably aren't proficient in using them, but hopefully you can draw what they do and understand what they are good at.

Course Objectives

❚ More important than the material is if the course met its objectives.
  ❚ Did this course make you think?
  ❚ Has this course enabled you to think about things in new ways?
  ❚ Do you feel you have a better understanding of how to do problem solving?

Minute Essay

❚ Write on a piece of paper when you think the best time for a review session would be, or when you absolutely can't make it to a review session.

❚ It's time to do course evaluations. I hope you had a great semester and I'll see you at the final.