Sequential Files

11-4-2002

Opening Discussion

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

Review of Last Class

- Last class you should have done an introduction to the use of file streams.
- Using these, you can write to and read from multiple files while still being able to get use input.
- The ability to do this converts programs from being helpful novelties to being truly useful tools.
Functions for File Handling

- Last time you looked at fopen and fclose to get a file ready to work with and tell the operating system you were done with it.
- You also looked at fprintf and fscanf. These functions do exactly what printf and scanf do, except they can work with arbitrary file stream.
- stdin and stdout are streams for standard input and output.

Other functions

- There are quite a few other functions that you can use to work with files. The man pages can give you more information on them.
  - fflush - "Flushes" a file. This writes buffered contents out.
  - fgets and fputs - Get or put a single character.
  - fgets and fgets - Get or put a string.

Code

- Let’s work a bit more with code that plays with a file and see how it might be helpful in a program.
Minute Essay

- Is it clear how you can use files and how they benefit you in your programming?
- Assignment #6 is due tonight at midnight. I will have normal office hours today if anyone wants to come by for assistance.