

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 user 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.
 - `fgetc` and `fputc` - Get or put a single character.
 - `fgets` and `fputs` - 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.
