Preparation

Read Column 2 of Programming Pearls (it would also help to have read Column 1).

Exercise

Implement the anagram program provided in section 2.8 of Programming Pearls using the words.txt file. Most of the code is already provided in the book. You just need to type in the code. You will also need to make some small changes to the code (e.g. to #include standard C libraries); use complier error messages to help you figure out what is missing. Do not worry about understanding all of the C stuff going on, we will cover the specifics later – the point is to get your feet wet and get a feel for Unix style processing.

Completion

To earn your completion marks, you must be able to demonstrate the following actions to lab TA.

1. Compile your program in the terminal using clang with –Wall option.
2. Run your programs in the terminal, using pipes and redirection.

After you have shown your work to the TA, please make sure to sign the sign-up sheet (which the TA will bring), and the TA will record your grade for the lab.