

Department of Computer Science and Engineering
University of Notre Dame

CSE 232 - Advanced Programming
Fall 2004

Assignment 1

Reading:

Read chapter 1 and appendix C of the textbook. Review all class notes.

Web page:

The class web page can be found by following the usual links from ND's home page, or from www.cse.nd.edu. General information about the class, including handouts, homework solutions, TA's and their office hours, etc., can be found there. Please check it regularly.

Unix/Linux

If you haven't already done so, log on to a Linux box (or ssh to one from your PC), and practice with some of the unix commands we saw in class (*ls, cat, more, pwd, cd, cp, rm, mv, mkdir, rmdir, man, info*, etc.).

Problem 1:

The purpose of this simple exercise is to make sure you are comfortable with creating and editing a program file, with compiling the program and running its executable, and with submitting your files in your personal dropbox.

Create a `cse232` directory under your home directory, and `cd` to it. Using any text editor of your liking, create a text file for the program shown on figure 1.6 (page 26) of the textbook. Call the file `hw1_1.cpp`. Compile it using the `g++` compiler. If there are any errors, edit your program, resave it, and recompile it. Name your executable `hw1_1`. When you're done, copy both your `hw1_1.cpp` file and your `hw1_1` executable to your personal dropbox directory, under the `hw1` subdirectory. This whole process is similar to what was demonstrated in class.

Due date:

Monday 9/30/04, at midnight. By class time Wednesday 10/1, you should be comfortable with everything covered in class and in the reading assignment above (i.e.: basic unix commands, creating a program file, compiling it, executing it).

Make sure your program contains your name in the header comment section. You must place both your source code (program) and your executable in your personal dropbox. Again, follow the guidelines given in class. Make sure you use the `g++` compiler.