Name:

Please remember you must follow instructions exactly in this course. Failure to follow these instructions will result in a failing grade on this quiz.

Create a C++ class called FileIO that includes the following:

1. A header file, fileio.h, that contains your class definition.
2. The class should have an internal data element, “char\* fname\_d”, that will hold a filename.
3. The class should have a static integer, “static long debug\_level\_d”, that is set to -1 initially.
4. A constructor that initializes all class data.
5. A destructor that “cleans up” allocated memory.
6. A method named “print”:

bool FileIO::print(char\* fname);

that opens the file passed as an argument, and prints the content of the file line by line. This method must be stored in a file myprog\_00.cc. It cannot be implemented in the header file.

1. A method named “set\_debug\_level”:

Bool FileIO::set\_debug\_level(long value);

that sets debug\_level\_d to the value passed. This method must be stored in a file myprog\_00.cc. It cannot be implemented in the header file.

1. A driver program, myprog.cc, that accepts a filename from the command line and passes it to your method that prints the file.
2. A Makefile and header file, myprog.h, that follow our usual conventions. I should be able to build your code by typing “make” and clean up your code by typing “make clean”.

Develop your solution in the directory:

/data/courses/ece\_1111/current/quizzes/qu\_09/lastname\_firstname/

Remember to comment your code and to follow all our standard practices.