Name:

Follow the usual rules for quizzes. 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\*\* data\_d”, that will hold the contents of a text file.
3. A constructor that initializes data\_d to NULL.
4. A destructor that “cleans up” allocated memory.
5. A method named “read”:

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

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

1. A method named “print”:

Bool FileIO::print(FILE\* fp);

that prints the contents of the class (data\_d).

1. A driver program, myprog.cc, that accepts a filename from the command line, calls your read method, and then calls your print method.
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\_08/lastname\_firstname/

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