

COMP 2355
Winter 2013
Lab #8
January 31, 2013

This lab should be submitted to your course SVN by noon on February 1 in a folder named “Lab8”.

In this lab you will use the C file API to read and write structs from files.

1. Create a structure that you will read and write to a file. The structure should contain multiple variables.
2. Write the following functions:

```
// Initialize 100 records in the data file  
void InitDataFile();
```

```
// read the nth entry into theResult. Returns false on failure  
bool ReadDataEntry(int whichEntry, myStruct &theResult);
```

```
// Write theData to the given entry in the file.  
// theEntry should be between 0 and 100.  
bool WriteDataEntry(int whichEntry, const myStruct &theData);
```

3. Write an interactive main function which allows you to load and save records to the file.