

Lab 10 File Operations:

Using the StockItemManager files in the File IO module, as a model, create a set of programs that:

- Instantiates and writes six Book objects to a file. (Hardcode the creation of Book objects with their attribute values in the driver program.)
- Reads the original data from the file and displays it
- Updates the title for one Book
- Updates the price for another Book
- Reads the modified data from the updated file and displays it.

Your Book class must have the following attributes:

ISBN

Title

yearPublished

price

quantity on hand

It must also have “set” and “get” methods for these attributes, plus a toString method.

As the example does, create a DataAccessClass to manage all file operations – write, read, update, delete.

For additional information on Random Access Files, see

<http://docs.oracle.com/javase/8/docs/api/java/io/RandomAccessFile.html?is-external=true>

Compress your Java source code in a file such as CIS131-DFreitag-Lab10.zip and then upload it to D2L.