# The Exercise

Three source files and a text file named **BookFile.txt** are provided. **Book.cs** and **Library.cs** are complete as far as this assignment is concerned, and they need not be modified. Please explore these files for more information about the 3 classes.

**LibraryDriver.cs** is incomplete. It contains 5 methods. The **Main** method and the **DisplayLibrary** method are complete and work as they should. No modification is needed on these two methods. Methods named **InputFile**, **SaveFile**, and **AddBooks** are incomplete. Your assignment is to complete them and produce a running program according to the following specifications.

# Specifications

The accompanying zipped file contains 3 .cs files and a folder containing a text file of books.The **BookData** folder will become part of the project folder. Make a new VS project and copy these files and folder into the project.

## The InputFile Method

The **InputFile** method should prompt the user for a **file path**. It should **open** **this file** and **read** the contents. Each line represents information about a **Book** object. It has a format shown by the following where each of the lines contains a title, author, and price, separated by commas.



Create a **Book** object from each line of input text, and add the **Book** to the **Library** object. Be sure to handle all potential **exceptions** that may be thrown in this process. **Close** the file when the last line of input has been processed.

## The SaveFile Method

The **SaveFile** method should save the **Library** into the same file used to input the library, thus replacing that file with the newly saved file. The format of the records in the file should be exactly as it was on input. Be sure to handle all potential **exceptions**. Close the output file when you have written the last **Book** to it.

## The AddBooks Method

Ask whether the user wishes to add one or more books to the library. If the user answers ***Yes****,* allow the user to input new **Book** information. Add the **Books** to the **Library** and return the number of **Books** added (**0** or **more**). Be sure to handle all potential **exceptions**.

# Submission

Your submission should be a single **.zip** file with a name in the format of ***1260-LastFirst-Lab5*** containing your entire VS project. Submit the **one** **zipped** **file** to the **Lab 5 Dropbox** on D2L.