# L9b

Re-submit Assignment

**Due** Nov 13, 2018 by 11:59pm **Points** 10 **Submitting** a file upload **File Types** zip
**Available** after Nov 5, 2018 at 8am

## Part 1

Get **Chapter9b_FillInTheCode.java**. Code the answers in java in the provided file.

## Part 2

Implement the following methods in the **`BookStore`** class and add code in **`main`** to test them:

- a method searching the library of Books for a given author and returning an **ArrayList** of such Books.
- a method returning an **ArrayList** of Books whose price is less than a given number
- a method returning the **Book** object with the lowest price in the library

STEPS:

1. Download the zip file: **BookstoreExample.zip**; unzip it and use the provided classes `Book.java`, `BookStore.java` and `BookStoreEngine.java` as the starting point.
2. Start by declaring skeletons (i.e. methods that do nothing) of the three methods in the `BookStore.java` class and make sure that the code compiles.
3. Implement the first method (use for-each loop) and make sure that it works.
4. Implement the second method (use for-each loop) and make sure that it works.
5. Implement the third method (use a regular for loop) and make sure that it works.
6. See the sample run of the finished program: **Lab9bBookStoreSampleRun.txt**
7. When finished, submit both `BookStore` and `BookStoreEngine` classes for grading.

## Part 3

Write a `Train` class with one instance variable: an `ArrayList` of `Passenger` objects called `travelers`.

- Use the attached files as the starting point **Train.zip**
- Read the javaDoc comments carefully.
- Do not change signatures of the defined methods.
- The client and the `Passenger` classes are fully implemented but you can add to the client if you wish.
- You need to implement all the methods that are defined in the `Train` class.

- The sample run is also provided.