

COMP 1409 Lab 10-b (4 points)

Take-home lab

Add to your **BookStore** class from Lab 10-a.

A method called `getBooksByAuthor()`. Here is the method signature:

```
public ArrayList<Book> getBooksByAuthor(String authorName)
```

This method takes the author's name as a `String` parameter and returns an arraylist of all the books written by that author. It uses a while loop and an iterator, locates the books written by that author (case-insensitive) and adds them to another arraylist.

A method called `getAveragePrice()`. Here is the method signature:

```
public double getAveragePrice(String authorName)
```

This method takes the author name as a `String` parameter, and calculates and returns the average price of the books written by the given author. Be sure to not divide by zero.

Upload the lab to the appropriate D2L dropbox before the due time. A suggested solution will be discussed in class and labs not already in the dropbox will not receive any points.