

Not Complete F228295

1. I didn't get the chance to do GUI, everything is just in command line.
2. The list of books displayed by Admin and Customer is raw and very primitive.

For example, my output is:

- 22334455, PAPERBACK, Intelligent Investor, ENGLISH, BUSINESS, 23-10-2015, 2, 14.2, 640, USED
- 33331122, PAPERBACK, Project Management, ENGLISH, COMPUTER_SCIENCE, 01-12-2019, 3, 32.5, 132, NEW

Ideally, I want it to be:

- Barcode: 22334455, Type: PAPERBACK, Title: Intelligent Investor, Language: ENGLISH, Genre: BUSINESS, Release date: 23-10-2015, Quantity: 2, Price: 14.2, Extra1: 640, Extra2: USED
- Barcode: 33331122, Type: PAPERBACK, Title: Project Management, Language: ENGLISH, Genre: COMPUTER_SCIENCE, Release date: 01-12-2019, Quantity: 3, Price: 32.5, Extra1: 132, Extra2: NEW

Where all the fields are being defined in the printed output.

3. When the admin adds a new book, if it doesn't input doesn't meet the type of the field, then an exception is shown. I haven't made my own code for that. Example, when I insert test in the language field of the new book:

```
Exception in thread "main" java.lang.IllegalArgumentException: No enum constant Language.TEST
    at java.base/java.lang.Enum.valueOf(Enum.java:273)
    at Language.valueOf(Language.java:1)
    at Admin.addBook(Admin.java:32)
    at Main.main(Main.java:63)
```

4. Book search for customer is buggy. I need to fix barcodeSearch, audiobooksDurationFilter and searchAndFilter methods that are inside the Customer class. It worked at first, but after changing something I seem to have broken the code and it didn't work as intended anymore.
5. Perhaps I could've implemented more OOP concepts to further portray my understanding. I haven't used abstract class or interfaces in my project.
6. Pretty sure that customer checking out a book does NOT update the stock levels, even though I have code that was meant to do that.
7. When checked out I haven't displayed the actual customer's address (but instead only a placeholder). I tried to do it but the code wasn't working, so I just left the unfinished code commented.
8. Same barcode is incorrectly allowed to be added by the admin.
9. Doesn't display an error when the customer checks out a book when it is out of stock.