Create a mini online book store where there are 2 actors.

1. Admin
2. Customer

Admin functionalities.

1. Adds Book to the Store
2. Deletes Book from the Store
3. Updates the Stock
4. Updates the Price
5. View all the books
6. View a book based on the title .
7. View A book based on the author
8. Maintains User Accounts

Customer

1. View all the Books
2. View a book based on the title .
3. View A book based on the author
4. Adds a book to the Cart
5. Checks out
6. Views the Bill

1.

Create classes for Book,BookStore

BookStore has Set of Books. (HashSet or TreeSet)

Book is identified with an isbn and has authorname,title,price and available stock.

BookStore has the functionalities done by the admin.

2

Create class Customer that has customerUsername,DateOfPurchase,Cart,BillAmount.

Cart is a List of Books added by the Customer.

All the functionalities of Customer is defined in the class Customer.

Note: Cart is made empty when a bill is generated.

3

Admin maintains User Accounts.

1. Adds an Account
2. Deletes an account
3. Views Accounts.

User accounts are maintained in a Map<Username,User>.

Customer phone no Is the username.

Add a functionality for the Customer to login before he enters the store.