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CS HW 5 Report

In this homework, I created three main classes. I created a Book class, a Customer class, and a Bookstore Driver Class. In my Book class, I had 6 attributes: title, author, publisher, number of pages, number of copies, and a rented by field. I used rented by in my rent Book method and my method to display the books rented by the customer. In my Customer class, I have three attributes, first name, last name, and email. I have an info method in both the Customer and Book classes that I treat as a to String method. My displayCList and displayBList methods loop through their respective lists and use the info method to display the list. Book Search, Customer Search and Display Books By Customer loop through as well, taking user input to match up with the needed value. Then they return the object.

The biggest thing that I learned was how to implement multiple ActionListener. I also had to correct a NullPointerException because I was trying to compare a string to a string. I fixed this by using the equals method instead of setting them ==.







