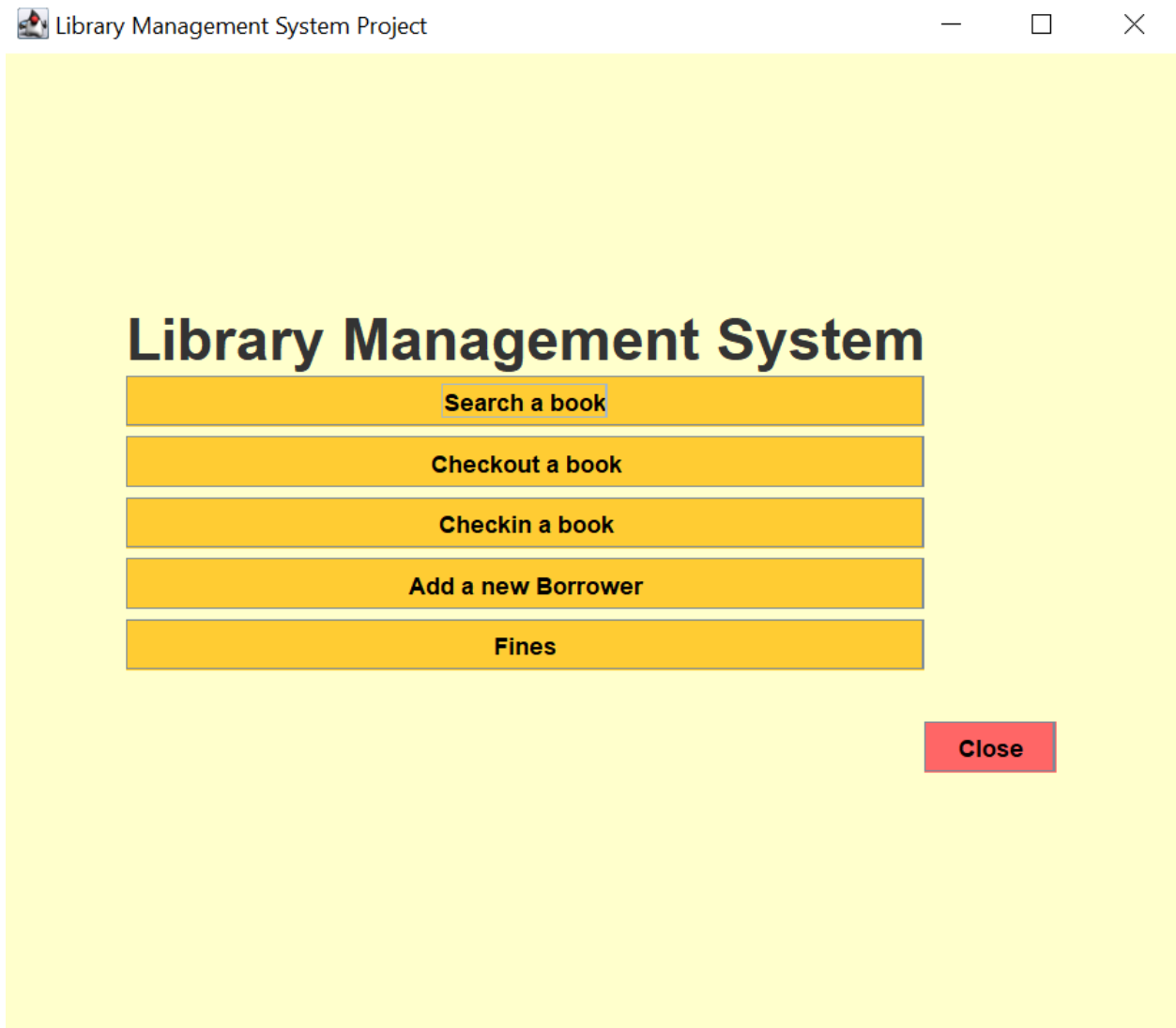1. After running the MainPage.java, the following page appears where we can choose any functionality needed or click **Close** to close the system.

2. Click on **Search a book** and below search box opens.
3. Type ISBN or Author name or the title of the book to search for a book
4. Click on **Back** to go back to main page.

Isbn	Title	Authors	Availability
9780006143192	Snow Tiger	Desmond Bagley	1
9780233981079	Moon Tiger	Penelope Lively	1
9780312979393	The Eye Of The Tiger	Wilbur Smith	1
9780316845441	The Pursuit Of Pleasure	Lionel Tiger	1
9780380775125	Tiger Burning Bright	Mercedes Lackey,Marion Zimmer Bradley,Andre Norton	1
9780399150791	The Teeth Of The Tiger	Tom Clancy	1
9780425155172	Year Of The Tiger (Paul Chavasse)	Jack Higgins	1
9780440984696	Tiger Eyes	Judy Blume	1
9780449221051	Miss Melville Rides A Tiger	Evelyn E. Smith	1
9780590462310	The Toilet Paper Tigers	Gordon Korman	1
9780671730505	Mystery Of The Jade Tiger (Nancy Drew 104): Mystery Of The Jade Tiger	Carolyn Keene	1
9780679826712	The Tiger In The Well (Sally Lockhart Trilogy, Book 3)	Philip Pullman	1
9780756400996	Sword-Sworn (Tiger And Del)	Jennifer Roberson	1
9780886773762	Sword-Dancer (Tiger And Del)	Jennifer Roberson	1
9780915793808	Fighting Invisible Tigers: A Stress Management Guide For Teens	Earl Hipp	1
9781551660233	Tiger Prince	Sandra Brown	1
9781551665313	Tiger Prince	Sandra Brown	1
9781569247136	Three Trapped Tigers	G. Cabrera Infante,Guillermo Cabrena Infante	1
9781885365019	Dancing With Tigers	Janet E. Lapp	1
9783407805737	Post Für Den Tiger (Beltz & Gelberg)	JANOSCH	1
9783453151932	Power Plays 2 - Tigerjagd	Martin Greenberg,Tom Clancy,Heiner Friedlich	1

Close

5. The searched keyword displays multiple results as below and also shows the availability of the book to borrow.
6. Click on **Close** to return to search page.
7. If nothing is entered in the search box, the list of all books is returned.

8. Once you obtain the desired book Isbn from the search results, click on the **Checkout a book** option from main page.
9. Type in the isbn and the borrower's Card No and enter **CheckOut** to check out the book.
10. Click on **Back** to go back to main page.

Library Management System

ISBN

Card Number

Borrower Name

Check In

Back

11. Inorder to return a book, click on **Checkin a book** from the main page and the below page appears.
12. Type in any combinations of **ISBN** or **Card Number** or **Borrower Name** to obtain the list of books borrowed.
13. Click on the row or the book that is needed to be returned. If there are no fines on that particular book, then check in completes successfully.
14. Click on **Back** to go back to main page.

Library Management System

New Borrower

First Name		**Last Name**	
SSN		**Email**	
Address		**City**	
State		**Phone**	

Add

Back

15. To add a new borrower click on the **Add a new borrower** option from the main page.
16. Type only numbers in **SSN** and **Phone** field and the code automatically generates the format of ssn and phone number
17. Fill in all the required details and click on add to automatically generate a new Card_id for the borrower.
18. Click on **Back** to go back to main page.

Library Management System — □ ✕

Fines

Card No.* : ID000111

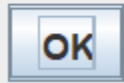**All Fines Due**   **Paid Fines**   **Total Amount Due**

Back

Message ✕

ⓘ **Total fine due : 3.5**

OK

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19. To view fines information or to pay the fines pending for a borrower, click on **Fines** option from the Main page.
20. Type in the **Card No** and select any of the options required.
21. The options on fine page are -
    a. **All fines due** - To view and pay the fines on each book for that particular borrower.
    b. **Paid Fines** - To view all the previously paid fines by that particular borrower.
    c. **Total Amount Due** - To view the total fine due amount on all the books that particular card_id has borrowed.