

OUTPUT OF LIBRARY MANGEMENT SYSTEM

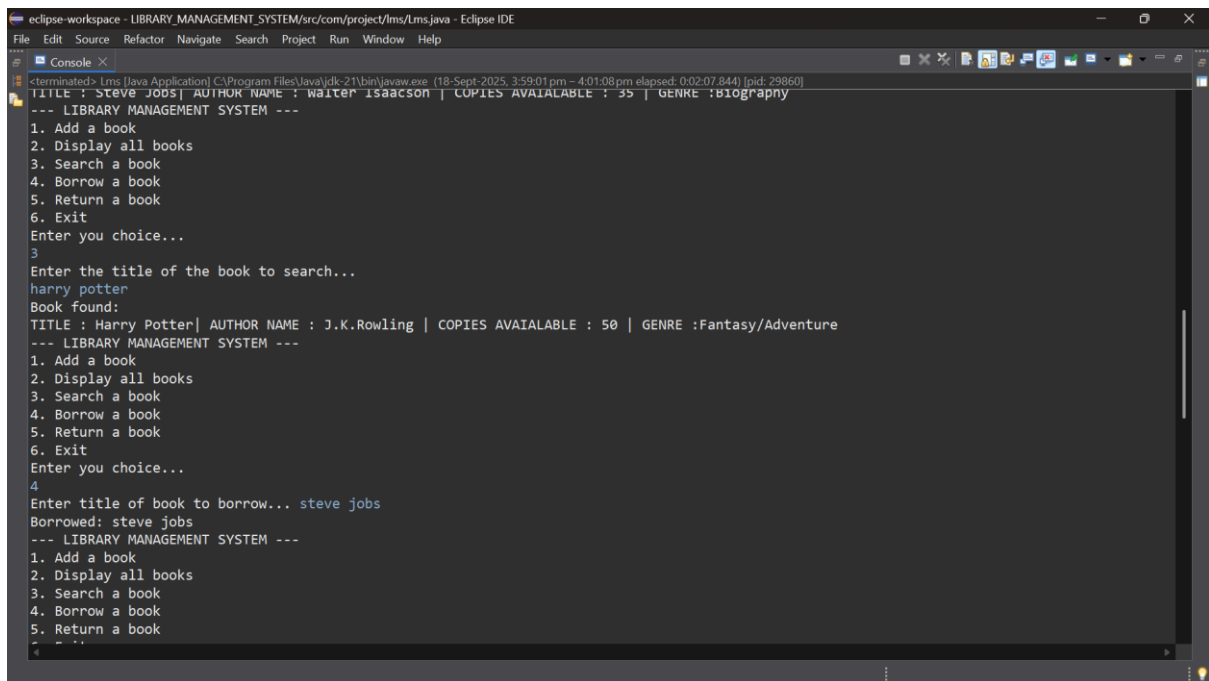
1. Displaying books before adding them and adding the books...

```
eclipse-workspace - LIBRARY_MANAGEMENT_SYSTEM/src/com/project/Lms.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
# Console X
<terminated> Lms [Java Application] C:\Program Files\Java\jdk-21\bin\javaw.exe (18-Sept-2025, 3:59:01 pm - 4:01:08 pm elapsed: 0:02:07.844) [pid: 29860]
--- LIBRARY MANAGEMENT SYSTEM ---
1. Add a book
2. Display all books
3. Search a book
4. Borrow a book
5. Return a book
6. Exit
Enter you choice...
2
No books available..
--- LIBRARY MANAGEMENT SYSTEM ---
1. Add a book
2. Display all books
3. Search a book
4. Borrow a book
5. Return a book
6. Exit
Enter you choice...
1
Enter the type of the book(1 for Fiction, 2 for NonFiction)
1
Enter the title of the book...
Harry Potter
Enter the author of the book...
J.K.Rowling
Enter the no of copies...
50
Enter the genre/category...
Fantasy/Adventure
--- LIBRARY MANAGEMENT SYSTEM ---
1. Add a book
```

2. Adding the second book and displaying them in an order...

```
eclipse-workspace - LIBRARY_MANAGEMENT_SYSTEM/src/com/project/Lms.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
# Console X
Fantasy/Adventure
<terminated> Lms [Java Application] C:\Program Files\Java\jdk-21\bin\javaw.exe (18-Sept-2025, 3:59:01 pm - 4:01:08 pm elapsed: 0:02:07.844) [pid: 29860]
--- LIBRARY MANAGEMENT SYSTEM ---
1. Add a book
2. Display all books
3. Search a book
4. Borrow a book
5. Return a book
6. Exit
Enter you choice...
1
Enter the type of the book(1 for Fiction, 2 for NonFiction)
2
Enter the title of the book...
Steve Jobs
Enter the author of the book...
Walter Isaacson
Enter the no of copies...
35
Enter the genre/category...
Biography
--- LIBRARY MANAGEMENT SYSTEM ---
1. Add a book
2. Display all books
3. Search a book
4. Borrow a book
5. Return a book
6. Exit
Enter you choice...
2
TITLE : Harry Potter | AUTHOR NAME : J.K.Rowling | COPIES AVAIALABLE : 50 | GENRE :Fantasy/Adventure
TITLE : Steve Jobs | AUTHOR NAME : Walter Isaacson | COPIES AVAIALABLE : 35 | GENRE :Biography
```

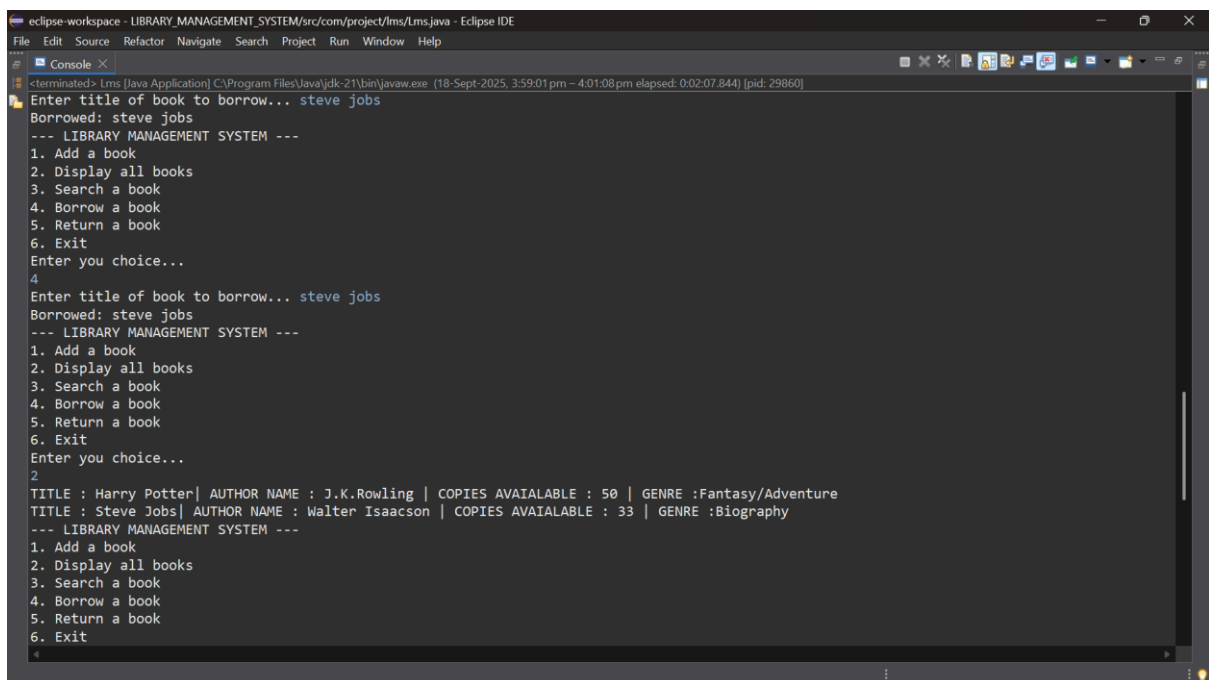
3. Searching the book and displaying about it...



```
eclipse-workspace - LIBRARY_MANAGEMENT_SYSTEM/src/com/project/lms/Lms.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help

--- LIBRARY MANAGEMENT SYSTEM ---
1. Add a book
2. Display all books
3. Search a book
4. Borrow a book
5. Return a book
6. Exit
Enter you choice...
3
Enter the title of the book to search...
harry potter
Book found:
TITLE : Harry Potter | AUTHOR NAME : J.K.Rowling | COPIES AVAILABLE : 50 | GENRE :Fantasy/Adventure
--- LIBRARY MANAGEMENT SYSTEM ---
1. Add a book
2. Display all books
3. Search a book
4. Borrow a book
5. Return a book
6. Exit
Enter you choice...
4
Enter title of book to borrow... steve jobs
Borrowed: steve jobs
--- LIBRARY MANAGEMENT SYSTEM ---
1. Add a book
2. Display all books
3. Search a book
4. Borrow a book
5. Return a book
6. Exit
```

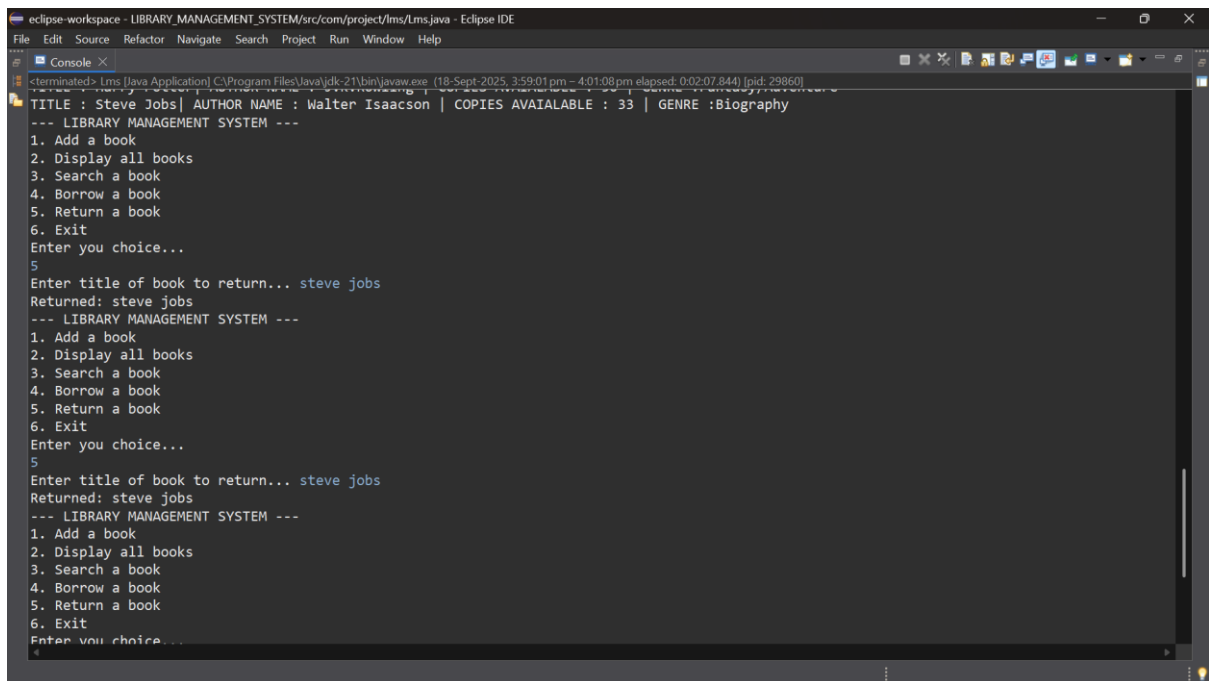
4. Borrowing the book and displaying remaining number of copies...



```
eclipse-workspace - LIBRARY_MANAGEMENT_SYSTEM/src/com/project/lms/Lms.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help

Enter title of book to borrow... steve jobs
Borrowed: steve jobs
--- LIBRARY MANAGEMENT SYSTEM ---
1. Add a book
2. Display all books
3. Search a book
4. Borrow a book
5. Return a book
6. Exit
Enter you choice...
4
Enter title of book to borrow... steve jobs
Borrowed: steve jobs
--- LIBRARY MANAGEMENT SYSTEM ---
1. Add a book
2. Display all books
3. Search a book
4. Borrow a book
5. Return a book
6. Exit
Enter you choice...
2
TITLE : Harry Potter | AUTHOR NAME : J.K.Rowling | COPIES AVAILABLE : 50 | GENRE :Fantasy/Adventure
TITLE : Steve Jobs | AUTHOR NAME : Walter Isaacson | COPIES AVAILABLE : 33 | GENRE :Biography
--- LIBRARY MANAGEMENT SYSTEM ---
1. Add a book
2. Display all books
3. Search a book
4. Borrow a book
5. Return a book
6. Exit
```

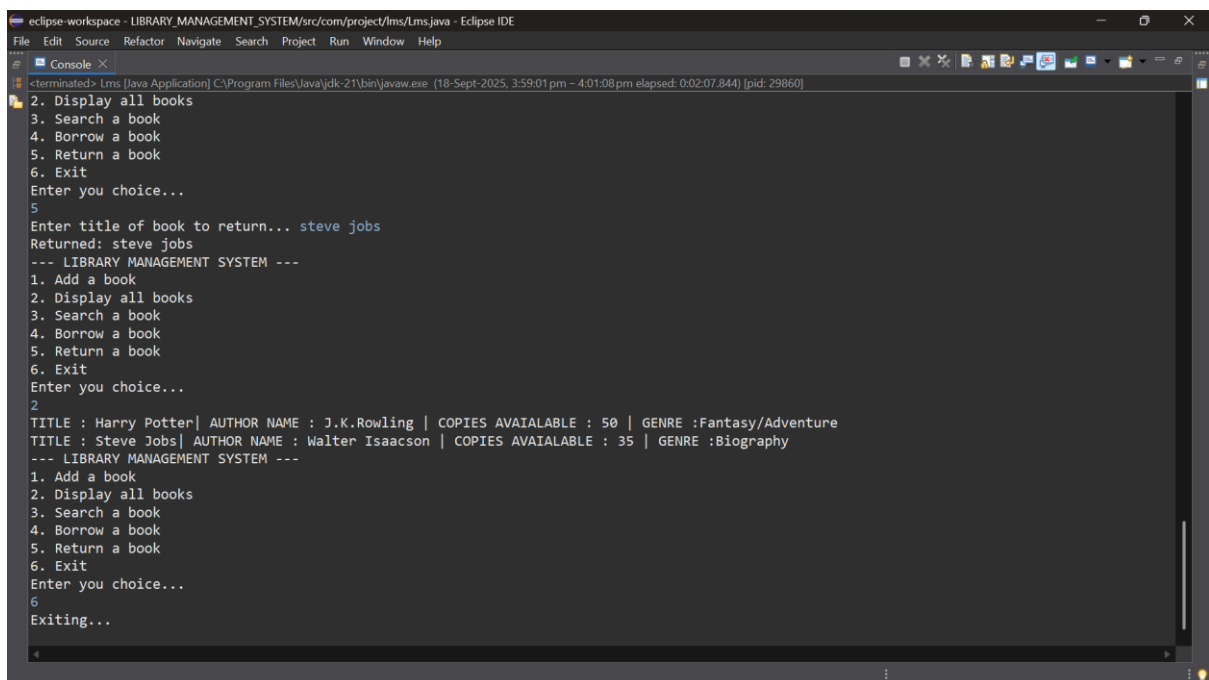
5. Returning the book...



```
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TITLE : Steve Jobs | AUTHOR NAME : Walter Isaacson | COPIES AVAILABLE : 33 | GENRE :Biography
--- LIBRARY MANAGEMENT SYSTEM ---
1. Add a book
2. Display all books
3. Search a book
4. Borrow a book
5. Return a book
6. Exit
Enter you choice...
5
Enter title of book to return... steve jobs
Returned: steve jobs
--- LIBRARY MANAGEMENT SYSTEM ---
1. Add a book
2. Display all books
3. Search a book
4. Borrow a book
5. Return a book
6. Exit
Enter you choice...
5
Enter title of book to return... steve jobs
Returned: steve jobs
--- LIBRARY MANAGEMENT SYSTEM ---
1. Add a book
2. Display all books
3. Search a book
4. Borrow a book
5. Return a book
6. Exit
Enter you choice...
```

6. Displaying and exiting from the library management system...



```
eclipse-workspace - LIBRARY_MANAGEMENT_SYSTEM/src/com/project/lms/Lms.java - Eclipse IDE
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# Console X
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3. Search a book
4. Borrow a book
5. Return a book
6. Exit
Enter you choice...
5
Enter title of book to return... steve jobs
Returned: steve jobs
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Enter you choice...
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TITLE : Harry Potter | AUTHOR NAME : J.K.Rowling | COPIES AVAILABLE : 50 | GENRE :Fantasy/Adventure
TITLE : Steve Jobs | AUTHOR NAME : Walter Isaacson | COPIES AVAILABLE : 35 | GENRE :Biography
--- LIBRARY MANAGEMENT SYSTEM ---
1. Add a book
2. Display all books
3. Search a book
4. Borrow a book
5. Return a book
6. Exit
Enter you choice...
6
Exiting...
```