

## **Screenshots of Runs - Joel Sony**

### 1. Adding books and members

```
--- Library System ---
1. Add Book
2. Add Member
3. Borrow Book
4. Return Book
5. Show Books
6. List Members
7. Exit
Select an option: 1
Title: Harry Potter
Author: JK Rowling

--- Library System ---
1. Add Book
2. Add Member
3. Borrow Book
4. Return Book
5. Show Books
6. List Members
7. Exit
Select an option: 2
Member Name: Joel

--- Library System ---
1. Add Book
2. Add Member
3. Borrow Book
4. Return Book
5. Show Books
6. List Members
7. Exit
Select an option: 5

--- Library Books ---
1: Harry Potter by JK Rowling - Available

--- Library System ---
1. Add Book
2. Add Member
3. Borrow Book
4. Return Book
5. Show Books
6. List Members
7. Exit
Select an option: 6

--- Library Members ---
1: Joel
```

## 2. Borrowing Book and Returning after due date

The Due-date was edited so that the return-date would be 14 days after it.  
10\$ fine for each day.

```
--- Library System ---
1. Add Book
2. Add Member
3. Borrow Book
4. Return Book
5. Show Books
6. List Members
7. Exit
Select an option: 3

--- Available Books ---
1: Harry Potter by JK Rowling

Member ID: 1
Book ID: 1

Book: Harry Potter borrowed by Joel. Due on 2026-03-01.
```

```
--- Library System ---
1. Add Book
2. Add Member
3. Borrow Book
4. Return Book
5. Show Books
6. List Members
7. Exit
Select an option: 5

--- Library Books ---
1: Harry Potter by JK Rowling - Borrowed

--- Library System ---
1. Add Book
2. Add Member
3. Borrow Book
4. Return Book
5. Show Books
6. List Members
7. Exit
Select an option: 4
Member ID: 1
Book ID: 1

Book: Harry Potter returned by Joel. Fine: $140.00
```

### 3. Error Handling

```
--- Library System ---  
1. Add Book  
2. Add Member  
3. Borrow Book  
4. Return Book  
5. Show Books  
6. List Members  
7. Exit  
Select an option: 1  
Title:  
Author:  
An error occurred: Book title and author cannot be empty.  
  
--- Library System ---  
1. Add Book  
2. Add Member  
3. Borrow Book  
4. Return Book  
5. Show Books  
6. List Members  
7. Exit  
Select an option: 2  
Member Name:  
An error occurred: Member name cannot be empty.
```