Outputs for each option in the menu is displayed as a demo:

```
=== Library Menu ===
1. View Books
2. Add Book
3. Issue Book
4. Return Book
5. View Borrowed Books
6. View Users
7. Add User
8. Reports
9. Exit
Enter choice: 1

=== Books in Library ===
ISBN: 111 | Title: the hidden pool | Author: Ruskin bond | Available: 22443
ISBN: 112 | Title: Harry potter | Author: J.K .Rowling | Available: 4545454
ISBN: 113 | Title: the temptest | Author: shakespeare | Available: 123456
ISBN: 114 | Title: Romeo and juliet | Author: william shakespeare | Available: 25637
ISBN: 117 | Title: fate | Author: dharshana | Available: 1
ISBN: descent of man  | Title: as you like  | Author: shakespeare | Available: 787472
```

```
=== Library Menu ===
1. View Books
2. Add Book
3. Issue Book
4. Return Book
5. View Borrowed Books
6. View Users
7. Add User
8. Reports
9. Exit
Enter choice: 2
Enter ISBN: 201
Enter Title: Utopia
Enter Author: thomas moor
Enter Publisher: idef
Enter Year: 2017
Enter Total Copies: 6
Enter Category: love
☑ Book added successfully!
```

```
=== Library Menu ===
1. View Books
2. Add Book
3. Issue Book
4. Return Book
5. View Borrowed Books
6. View Users
7. Add User
8. Reports
9. Exit
Enter choice: 3
Enter User ID: UID52
Enter Book ISBN: 114
Enter Due Date (YYYY-MM-DD): 2025-10-03
☑ Book issued! Due on 2025-10-03
```

```
=== Library Menu ===
1. View Books
2. Add Book
3. Issue Book
4. Return Book
5. View Borrowed Books
6. View Users
7. Add User
8. Reports
9. Exit
Enter choice: 4
Enter Borrow Record ID: 3
☑ Book returned! Fine: ₹0
```

```
=== Library Menu ===
1. View Books
2. Add Book
3. Issue Book
4. Return Book
5. View Borrowed Books
6. View Users
7. Add User
8. Reports
9. Exit
Enter choice: 5

=== Active Borrowed Books ===
BorrowID: 3 | User: Dharshanavijay | Book: the hidden pool | Issued: 2025-10-03 | Due: 2025-10-03
BorrowID: 4 | User: Karunya | Book: Romeo and juliet | Issued: 2025-10-03 | Due: 2025-10-03
BorrowID: 5 | User: VIJAYAKUMAR | Book: fate | Issued: 2025-10-03 | Due: 2025-10-03
BorrowID: 6 | User: NIKHITHA | Book: the temptest | Issued: 2025-10-03 | Due: 2025-10-03
```

```
=== Library Menu ===
1. View Books
2. Add Book
3. Issue Book
4. Return Book
5. View Borrowed Books
6. View Users
7. Add User
8. Reports
9. Exit
Enter choice: 6

=== Registered Users ===
UserID: U201 | Name: Dharshana | Email: dharshana@example.com | Phone: 9876500011 | Max Books: 3
UserID: U202 | Name: Karunya | Email: karunya@example.com | Phone: 9876500022 | Max Books: 4
UserID: U203 | Name: Vijay | Email: vijay@example.com | Phone: 9876500033 | Max Books: 5
UserID: U204 | Name: Kasthuri | Email: kasthuri@example.com | Phone: 9876500044 | Max Books: 2
UserID: U205 | Name: Dheerav | Email: dheerav@05gmail.com | Phone: 1234567891 | Max Books: 1
UserID: U999 | Name: Test User | Email: YOUR_EMAIL@gmail.com | Phone: 9876543210 | Max Books: 3
UserID: UI6 | Name: Arjun | Email: arjunsharma2@gmail.com | Phone: 9878672376 | Max Books: 5
UserID: UID22 | Name: Dharshanavijay | Email: dharshanavijay7@gmail.com | Phone: 7339115748 | Max Books: 6
UserID: UID24 | Name: VIJAYAKUMAR | Email: pvija1967@gmail.com | Phone: 8940160032 | Max Books: 9
UserID: UID25 | Name: NIKHITHA | Email: nikhithaa25@gmail.com | Phone: 9363762340 | Max Books: 5
UserID: UID52 | Name: Karunya | Email: karunyavijay5@gmail.com | Phone: 9840812967 | Max Books: 8
```

```
=== Library Menu ===
1. View Books
2. Add Book
3. Issue Book
4. Return Book
5. View Borrowed Books
6. View Users
7. Add User
8. Reports
9. Exit
Enter choice: 7
Enter User ID (e.g., U206): UID25
Enter Name: NIKHITHA
Enter Email: nikhithaa25@gmail.com
Enter Phone: 9363762340
Enter Max Books Allowed: 5
☑ User added successfully!
```

```
=== Library Menu ===
1. View Books
2. Add Book
3. Issue Book
4. Return Book
5. View Borrowed Books
6. View Users
7. Add User
8. Reports
9. Exit
Enter choice: 8

=== Reports Menu ===
1. Top Borrowed Books
2. Most Active Users
3. Low Stock Books
4. Users with Fines
5. Back to Main Menu
Enter choice: 1

=== Top 5 Borrowed Books ===
the hidden pool | Borrowed 2 times
the temptest | Borrowed 1 times
Romeo and juliet | Borrowed 1 times
fate | Borrowed 1 times
```

On running the remainders program specially made to remain users on the due date to return books,

```
=== Sending Email Reminders ===
☑ Reminder sent to dharshanavijay7@gmail.com
☑ Reminder sent to nikhithaa25@gmail.com
☑ Reminder sent to karunyavijay5@gmail.com
☑ Reminder sent to pvija1967@gmail.com
>>>
```

Email screenshot:

1:51

📚 Library Due Reminder Inbox

dharshanavijay7@gm... 7 Oct
to me

Hello NIKHITHA,

The following books are due today:

 - It starts with us (Due: 2025-10-07)

Please return them to avoid fines.

Regards,
Library Management System

Reply   Forward

📚 Library Due Reminder Inbox

dharshanavijay7@gmail.c... Oct 3
to me ⌄

Hello Dharshanavijay,

This is a reminder that the book 'the hidden pool' was due on 2025-10-03. Please return it to avoid further fines.

Current Fine (if overdue): ₹0.00

Regards,
Library Management System

Reply | Forward