



# Library System

Guide







# Main Menu

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After launching a program you will find yourself

In the console from where all your actions

Towards the Library system will be taken

Always double-check data you enter

because you can uncautiously corrupt library files

```
1) Admin
```

```
2) Patron
```

```
3) Exit
```

```
Choose an option:
```



# Admin menu selections

After passing “1” to the console you will enter admin menu from where you can access administration of the library.

```
1) Admin
2) Patron
3) Exit
Choose an option:1
```



```
Admin Dashboard
1) Add Book
2) Add Patron
3) List Books
4) List Patrons
5) Search Patrons
6) Back
Enter your choice:1
```



# Admin actions

- 
- 1) Add Book
  - 2) Add Patron
  - 3) List Books
  - 4) List Patrons
  - 5) Search Patrons
  - 6) Back

Jump to next slide to see each function in use.

Admin Dashboard

1) Add Book

2) Add Patron

3) List Books

4) List Patrons

5) Search Patrons

6) Back

Enter your choice:





- 1. Add book – lets you add new books to system
- 2. Add patron – new members
- 3. List books – show all books in library
- 4. List patrons – show all members
- 5. Search patrons – check if person is member

```
Enter your choice:1
Enter Book ID:1778
Enter Book Name:Twiks
Enter Page Count:785
Enter Author First Name:Marina
Enter Author Last Name:Zalon
Enter Book Type:Fiction
Book details added to CSV.
```

1

```
Enter your choice:2
Enter Patron Nickname (without spaces):Dem
Enter Patron ID:6548
File updated successfully.
```

2

```
Enter your choice:4
```

4

```
List of Patrons:
ID, Name, Borrowed Books
Patron ID, Patron Name, Borrowed Book, Date
12,sss,ssss,2024-01-02
111,dddd,None
156,sda,None
```

```
Enter your choice:5
```

5

```
Enter Patron Name:Dem
Patron Name: Dem is included.
```

```
Enter your choice:3
```

3

```
List of Books:
ID, Name, Page Count, Author First Name, Author Last Name, Book Type
Book ID,Book Name,Page Count,Author First Name,Author Last Name,Book Type
1,A Daughter of the Snows,199,Jack,London,Guide
2,"The Near East: 10,000 Years of History",298,Isaac,Asimov,Journals
3,The Cocoon: A Rest-Cure Comedy,90,Ruth,Stuart,Diaries
4,The Freakshow Murders,321,Frederic,Brown,Drama
5 "Pharaohs, Fellahs and Explorers" 367 Amelia B. Edwards Guide
```



# Patron menu selections

- 1) Borrow Book
- 2) Return Book
- 3) Search Books
- 4) Back

## Patron Dashboard

- 1) Borrow Book
- 2) Return Book
- 3) Search Books
- 4) Back

Jump to next slide to see each function in action.



- 1) Borrow Book – existing members can choose a book in library and after they bring it to you with their Patron card you assign it to their account
- 2) Return Book – remove book from their account
- 3) Search Books – Look for a book by name (always put full name of the book)

```
Enter your choice:2
Enter Patron Name:Dem
Book returned.
File updated successfully.
```

**2**

```
Enter your choice:1
Enter Patron Name:Dem
Enter Borrowed Book:Devil
Enter Date (YYYY-MM-DD):2024-01-03
File updated successfully.
```

**1**

```
Enter your choice:3
Enter Book Name:Devil

Search Results:
Book is available.
Book ID: 666, Book Name: Devil, Page Count: 666, Author First Name: Lord, Author Last Name: Devil, Book Type: Bad
```

**3**