You are required to create a basic Library Management System using C programming language. The system should be able to handle the management of a library's book collection, including adding books, displaying books, borrowing books, and returning books.

Task #1: Data Input and Storage

• Design a struct that can hold information about a book, including its title, author, ISBN, borrower's name, and borrower's ID.

• Implement an array of struct to store data for up to 100 books.

• Create a function to input data for a book: title, author, ISBN, borrower's name, and borrower's ID.

Task #2: Display Options

• Implement a function to display all books' data sorted by their titles in ascending order

• Implement a function to display all books' data sorted by their authors in ascending order.

• Implement a function to display all books' data sorted by their ISBNs in ascending order.

• Implement a function to display all books' data sorted by their borrower's names.

• Implement a function to display detailed information about a specific book using its ISBN.

Task #3: Book Borrow and Book Return

Develop a function that marks a book as borrowed by or returned/available, updating its status.

Task #4: Data Validation and Error Handling

• Implement input validation to ensure that incorrect or incomplete data is not accepted.

• The program should give the user an option for quitting