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# Step 1: Basic Structure
# Initializing books in library data (dictionary of books)
library = {
    "A Tale of Two Cities": {"author": "Charles Dickens", "available":
True, "issued_by": None},
    "Python Crash Course": {"author": "Eric Matthes", "available":
False, "issued_by": "Pragati"}
}

# Step 2: Adding Books
def display_books():
    print("\nAvailable Books:")
    for title, details in library.items():
        status = "Available" if details["available"] else f"Issued to
{details['issued_by']}"
        print(f>Title: {title}, Author: {details['author']], Status:
{status}")

def add_book():
    title = input("\nEnter the title of the book: ")
    author = input("Enter the author of the book: ")

    if title in library:
        print("This book already exists in the library.")
    else:
        library[title] = {"author": author, "available": True,
"issued_by": None}
        print(f"Book '{title}' added to the library.")

# Step 3: Issuing Books
def issue_book():
    title = input("\nEnter the title of the book you want to issue: ")

    if title in library:
        if library[title]["available"]:
            person = input("Enter your name: ")
            library[title]["available"] = False
            library[title]["issued_by"] = person
            print(f"Book '{title}' issued to {person}.")
        else:
            print(f"Sorry, the book '{title}' is already issued.")
    else:
        print("This book is not available in the library.")

# Step 4: Returning Books
def return_book():
    title = input("\nEnter the title of the book you want to return:
")

    if title in library:

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        if not library[title]["available"]:
            library[title]["available"] = True
            library[title]["issued_by"] = None
            print(f"Book '{title}' has been returned successfully.")
        else:
            print(f"The book '{title}' was not issued.")
    else:
        print("This book does not exist in the library.")

# Step 5: Login System
credentials = {"admin": "admin123", "librarian": "lib123"}

def login():
    attempts = 0
    while attempts < 3:
        username = input("Enter username: ")
        password = input("Enter password: ")

        if username in credentials and credentials[username] == password:
            print(f"Welcome, {username}!")
            return username
        else:
            attempts += 1
            print("Invalid credentials, please try again.")

    print("Too many failed attempts. Exiting the system.")
    return None

# Step 6: View Issued Books
def view_issued_books():
    print("\nIssued Books:")
    for title, details in library.items():
        if not details["available"]:
            print(f>Title: {title}, Issued to: {details['issued_by']}")

# Step 7: Main Menu
def main_menu():
    while True:
        print("\nMain Menu:")
        print("1. View Books")
        print("2. Add a Book")
        print("3. Issue a Book")
        print("4. Return a Book")
        print("5. View Issued Books")
        print("6. Exit")

        choice = input("Enter your choice (1-6): ")

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if choice == '1':
    display_books()
elif choice == '2':
    add_book()
elif choice == '3':
    issue_book()
elif choice == '4':
    return_book()
elif choice == '5':
    view_issued_books()
elif choice == '6':
    print("Exiting the system...")
    break
else:
    print("Invalid choice. Please try again.")
```

Driver Code

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if __name__ == "__main__":
    print("Hello!! Welcome to the Library Management System")
    user = login()

    if user:
        main_menu()
```