ACE

```python
library = [
    {'title': 'The Great Gatsby', 'author': 'F. Scott Fitzgerald'},
    {'title': '1984', 'author': 'George Orwell'}
]


# Function to add a book
def add_book():
    title = input("Enter book title: ")
    author = input("Enter author: ")
    book = Book(title, author)
    library.append(book)
    print("Book added successfully!")
```

```python
# Function to search for a book by title
def search_book():
    search_title = input("Enter the title to search: ").lower()

    for book in library:
        if book.title.lower() == search_title:
            print("Found: {book.title} by {book.author}")
        else:
            print("Book not found.")


# Function to show all books
def show_books():
    if not library:
        print("No books in the library.")
    else:
        print("All books in the library:")
```

```python
# Main menu loop
while True:
    print("\nLibrary Management")
    print("1. Add Book")
    print("2. Search Book by Title")
    print("3. Show All Books")
    print("4. Exit")
    choice = input("Choose an option (1-4): ")

    if choice == '1':
        add_book()
    elif choice == '2':
        search_book()
    elif choice == '3':
        show_books()
```

```python
elif choice == '4':

    print("Goodbye!")

    break

else:

    print("Invalid choice. Please try again.")
```