# **Sample Run #1 (inputs in bold underline)**

Starting the system ...

Enter book catalog filename: **books.csv**

Book catalog has been loaded.

Reader's Guild Library - Main Menu

==================================

1. Search for books

2. Borrow a book

3. Return a book

0. Exit the system

Enter your selection: **1**

-- Search for books --

Enter search value: **Homer**

No matching books found.

Reader's Guild Library - Main Menu

==================================

1. Search for books

2. Borrow a book

3. Return a book

0. Exit the system

Enter your selection: **1**

-- Search for books --

Enter search value: **Tolkien**

ISBN Title Author Genre Availability

-------------- ------------------------- ------------------------- -------------------- ------------

978-0350000000 The Hobbit J.R.R. Tolkien Fantasy Available

978-0540000000 The Lord of the Rings J.R.R. Tolkien Fantasy Available

Reader's Guild Library - Main Menu

==================================

1. Search for books

2. Borrow a book

3. Return a book

0. Exit the system

Enter your selection: **1**

-- Search for books --

Enter search value: **fiction**

ISBN Title Author Genre Availability

-------------- ------------------------- ------------------------- -------------------- ------------

978-1570000000 The Kite Runner Khaled Hosseini Historical Fiction Available

978-0760000000 Brave New World Aldous Huxley Science Fiction Available

978-0450000000 Gone with the Wind Margaret Mitchell Historical Fiction Available

Reader's Guild Library - Main Menu

==================================

1. Search for books

2. Borrow a book

3. Return a book

0. Exit the system

Enter your selection: **1**

-- Search for books --

Enter search value: **pride**

ISBN Title Author Genre Availability

-------------- ------------------------- ------------------------- -------------------- ------------

978-0140000000 Pride and Prejudice Jane Austen Romance Borrowed

Reader's Guild Library - Main Menu

==================================

1. Search for books

2. Borrow a book

3. Return a book

0. Exit the system

Enter your selection: **2**

-- Borrow a book --

Enter the 13-digit ISBN (format 999-9999999999): **500-1234**

No book found with that ISBN.

Reader's Guild Library - Main Menu

==================================

1. Search for books

2. Borrow a book

3. Return a book

0. Exit the system

Enter your selection: **2**

-- Borrow a book --

Enter the 13-digit ISBN (format 999-9999999999): **978-0140000000**

'Pride and Prejudice' with ISBN 978-0140000000 is not currently available.

Reader's Guild Library - Main Menu

==================================

1. Search for books

2. Borrow a book

3. Return a book

0. Exit the system

Enter your selection: **2**

-- Borrow a book --

Enter the 13-digit ISBN (format 999-9999999999): **978-0450000000**

'Gone with the Wind' with ISBN 978-0450000000 successfully borrowed.

Reader's Guild Library - Main Menu

==================================

1. Search for books

2. Borrow a book

3. Return a book

0. Exit the system

Enter your selection: **3**

-- Return a book --

Enter the 13-digit ISBN (format 999-9999999999): **500-1234**

No book found with that ISBN.

Reader's Guild Library - Main Menu

==================================

1. Search for books

2. Borrow a book

3. Return a book

0. Exit the system

Enter your selection: **3**

-- Return a book --

Enter the 13-digit ISBN (format 999-9999999999): **978-0760000000**

'Brave New World' with ISBN 978-0760000000 is not currently borrowed.

Reader's Guild Library - Main Menu

==================================

1. Search for books

2. Borrow a book

3. Return a book

0. Exit the system

Enter your selection: **3**

-- Return a book --

Enter the 13-digit ISBN (format 999-9999999999): **978-0070000000**

'The Chronicles of Narnia' with ISBN 978-0070000000 successfully returned.

Reader's Guild Library - Main Menu

==================================

1. Search for books

2. Borrow a book

3. Return a book

0. Exit the system

Enter your selection: **4**

Invalid option

Enter your selection: **x**

Invalid option

Enter your selection: **0**

-- Exit the system --

Book catalog has been saved.

Good Bye!

# **Sample Run #2 (inputs in bold underline)**

Starting the system ...

Enter book catalog filename: **bookZZ.csv**

File not found. Re-enter book catalog filename: **books.csv**

Book catalog has been loaded.

Reader's Guild Library - Main Menu

==================================

1. Search for books

2. Borrow a book

3. Return a book

0. Exit the system

Enter your selection: **2131**

Invalid option

Enter your selection: **2130**

Reader's Guild Library - Librarian Menu

=======================================

1. Search for books

2. Borrow a book

3. Return a book

4. Add a book

5. Remove a book

6. Print catalog

0. Exit the system

Enter your selection: **6**

-- Print book catalog --

ISBN Title Author Genre Availability

-------------- ------------------------- ------------------------- -------------------- ------------

978-0060000000 To Kill a Mockingbird Harper Lee Thriller Available

978-0140000000 Pride and Prejudice Jane Austen Romance Borrowed

978-0320000000 The Catcher in the Rye J.D. Salinger Young Adult Available

978-0350000000 The Hobbit J.R.R. Tolkien Fantasy Available

978-1570000000 The Kite Runner Khaled Hosseini Historical Fiction Available

978-0540000000 The Lord of the Rings J.R.R. Tolkien Fantasy Available

978-0070000000 The Chronicles of Narnia C.S. Lewis Fantasy Available

978-0440000000 The Hunger Games Suzanne Collins Young Adult Available

978-0760000000 Brave New World Aldous Huxley Science Fiction Available

978-0450000000 Gone with the Wind Margaret Mitchell Historical Fiction Borrowed

Reader's Guild Library - Librarian Menu

=======================================

1. Search for books

2. Borrow a book

3. Return a book

4. Add a book

5. Remove a book

6. Print catalog

0. Exit the system

Enter your selection: **4**

-- Add a book --

Enter the 13-digit ISBN (format 999-9999999999): **978-0490000000**

Enter title: **1984**

Enter author name: **George Orwell**

Enter genre: **Science Friction**

Invalid genre. Choices are: Romance, Mystery, Science Fiction, Thriller, Young Adult, Children's Fiction, Self-help, Fantasy, Historical Fiction, Poetry

Enter genre: **Sci-Fi**

Invalid genre. Choices are: Romance, Mystery, Science Fiction, Thriller, Young Adult, Children's Fiction, Self-help, Fantasy, Historical Fiction, Poetry

Enter genre: **Science Fiction**

'1984' with ISBN 978-0490000000 successfully added.

Reader's Guild Library - Librarian Menu

=======================================

1. Search for books

2. Borrow a book

3. Return a book

4. Add a book

5. Remove a book

6. Print catalog

0. Exit the system

Enter your selection: **4**

-- Add a book --

Enter the 13-digit ISBN (format 999-9999999999): **978-1590000000**

Enter title: **Daring Greatly**

Enter author name: **Brene Brown**

Enter genre: **Self-help**

'Daring Greatly' with ISBN 978-1590000000 successfully added.

Reader's Guild Library - Librarian Menu

=======================================

1. Search for books

2. Borrow a book

3. Return a book

4. Add a book

5. Remove a book

6. Print catalog

0. Exit the system

Enter your selection: **6**

-- Print book catalog --

ISBN Title Author Genre Availability

-------------- ------------------------- ------------------------- -------------------- ------------

978-0060000000 To Kill a Mockingbird Harper Lee Thriller Available

978-0140000000 Pride and Prejudice Jane Austen Romance Borrowed

978-0320000000 The Catcher in the Rye J.D. Salinger Young Adult Available

978-0350000000 The Hobbit J.R.R. Tolkien Fantasy Available

978-1570000000 The Kite Runner Khaled Hosseini Historical Fiction Available

978-0540000000 The Lord of the Rings J.R.R. Tolkien Fantasy Available

978-0070000000 The Chronicles of Narnia C.S. Lewis Fantasy Available

978-0440000000 The Hunger Games Suzanne Collins Young Adult Available

978-0760000000 Brave New World Aldous Huxley Science Fiction Available

978-0450000000 Gone with the Wind Margaret Mitchell Historical Fiction Borrowed

978-0490000000 1984 George Orwell Science Fiction Available

978-1590000000 Daring Greatly Brene Brown Self-help Available

Reader's Guild Library - Librarian Menu

=======================================

1. Search for books

2. Borrow a book

3. Return a book

4. Add a book

5. Remove a book

6. Print catalog

0. Exit the system

Enter your selection: **5**

-- Remove a book --

Enter the 13-digit ISBN (format 999-9999999999): **500-1234**

No book found with that ISBN.

Reader's Guild Library - Librarian Menu

=======================================

1. Search for books

2. Borrow a book

3. Return a book

4. Add a book

5. Remove a book

6. Print catalog

0. Exit the system

Enter your selection: **5**

-- Remove a book --

Enter the 13-digit ISBN (format 999-9999999999): **978-0490000000**

'1984' with ISBN 978-0490000000 successfully removed.

Reader's Guild Library - Librarian Menu

=======================================

1. Search for books

2. Borrow a book

3. Return a book

4. Add a book

5. Remove a book

6. Print catalog

0. Exit the system

Enter your selection: **6**

-- Print book catalog --

ISBN Title Author Genre Availability

-------------- ------------------------- ------------------------- -------------------- ------------

978-0060000000 To Kill a Mockingbird Harper Lee Thriller Available

978-0140000000 Pride and Prejudice Jane Austen Romance Borrowed

978-0320000000 The Catcher in the Rye J.D. Salinger Young Adult Available

978-0350000000 The Hobbit J.R.R. Tolkien Fantasy Available

978-1570000000 The Kite Runner Khaled Hosseini Historical Fiction Available

978-0540000000 The Lord of the Rings J.R.R. Tolkien Fantasy Available

978-0070000000 The Chronicles of Narnia C.S. Lewis Fantasy Available

978-0440000000 The Hunger Games Suzanne Collins Young Adult Available

978-0760000000 Brave New World Aldous Huxley Science Fiction Available

978-0450000000 Gone with the Wind Margaret Mitchell Historical Fiction Borrowed

978-1590000000 Daring Greatly Brene Brown Self-help Available

Reader's Guild Library - Librarian Menu

=======================================

1. Search for books

2. Borrow a book

3. Return a book

4. Add a book

5. Remove a book

6. Print catalog

0. Exit the system

Enter your selection: **0**

-- Exit the system --

Book catalog has been saved.

Good Bye!