

```
Windows PowerShell      X + ×
PS C:\Users\Abhinav Krishna\Desktop\PYTHON\library-inventory-manager-Abhinav> cd "C:\Users\Abhinav Krishna\Desktop\PYTHON\library-inventory-manager-Abhinav"
PS C:\Users\Abhinav Krishna\Desktop\PYTHON\library-inventory-manager-Abhinav> python -m cli.main

==== Library Inventory Manager ====
1. Add Book
2. Issue Book
3. Return Book
4. View All Books
5. Search Book
6. Exit
Enter your choice: 1
Enter title: Abhinav
Enter author: Abhi
Enter ISBN: 4005
Book added successfully.

==== Library Inventory Manager ====
1. Add Book
2. Issue Book
3. Return Book
4. View All Books
5. Search Book
6. Exit
Enter your choice: 2
Enter ISBN to issue: 4005
Book issued successfully.

==== Library Inventory Manager ====
1. Add Book
2. Issue Book
3. Return Book
4. View All Books
5. Search Book
6. Exit
Enter your choice: 3
Enter ISBN to return: 4005
Book returned successfully.
```

```
==== Library Inventory Manager ====
```

- 1. Add Book
- 2. Issue Book
- 3. Return Book
- 4. View All Books
- 5. Search Book
- 6. Exit

```
Enter your choice: 5
```

```
Enter title: Abhinav
```

```
Abhinav by Abhi (ISBN: 4005) - available
```

```
==== Library Inventory Manager ====
```

- 1. Add Book
- 2. Issue Book
- 3. Return Book
- 4. View All Books
- 5. Search Book
- 6. Exit

```
Enter your choice: 6
```

```
Exiting... Goodbye!
```

```
PS C:\Users\Abhinav Krishna\Desktop\PYTHON\library-inventory-manager-Abhinav> |
```

The screenshot shows a dark-themed code editor interface. At the top, there is a navigation bar with icons for File, Edit, Selection, View, Go, Run, and a search bar containing the text "library-inventory-manager-Abhinav". Below the navigation bar is a tab bar with several tabs: Welcome, \_\_init\_\_.py, book.py, inventory.py, library.log, books.json (which is the active tab), and main.py.

The left side features an Explorer sidebar with a tree view of the project structure:

- LIBRARY-INVENTORY-MANAGE... (selected)
- cli
- \_\_pycache\_\_
- main.py
- data
- books.json
- library\_manager
- \_\_pycache\_\_
- \_\_init\_\_.py
- book.py
- inventory.py
- library.log

The main workspace displays the contents of the "books.json" file. The file contains a single array element with one object, representing a book entry:

```
[{"title": "Abhinav", "author": "Abhi", "isbn": "4005", "status": "available"}]
```

library.log

```
1 2025-12-04 19:07:36,513 - INFO - Book added: Abhinav  
2
```