

eclipse - practice/src/practice1/LibraryManagement.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Movezero.java Repeat.java greater.java InsertEleme... RemoveEleme... _animal.java Binary.java Greater.java Reverse.java Youtube.java Xpathjava selnjava LibraryManag... x 4

practice > src > practice1 > LibraryManagement > main(String[]): void

```
80 class User implements Serializable {
81     private String name;
82     private String userID;
83     private List<Book> borrowedBooks = new ArrayList<>();
84
85     public User(String name, String userID) {
86         this.name = name;
87         this.userID = userID;
88     }
89
90     // Getter and Setter Methods
91     public String getName() {
92         return name;
93     }
94
95     public void setName(String name) {
96         this.name = name;
97     }
98
99     public String getUserID() {
100         return userID;
101     }
```

Problems Javadoc Declaration Search Console x

<terminated> LibraryManagement [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (29-Mar-2025, 2:08:09 pm - 2:08:10 pm) [pid: 12548]

SUCCESS: Alice borrowed Java Programming
SUCCESS: Bob borrowed Python Basics
SUCCESS: Alice returned Java Programming
SEARCH RESULT: Title: Python Basics | Author: Guido van Rossum | ISBN: 67890 | Status: Not Available

Writable Smart Insert 261 : 54 : 6741

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Problems Javadoc Declaration Search Console x

<terminated> LibraryManagement [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (29-Mar-2025, 2:42:00 pm - 2:42:01 pm) [pid: 8680]

```
SUCCESS: Alice borrowed Java Programming
SUCCESS: Bob borrowed Python Basics
SUCCESS: Alice returned Java Programming
SEARCH RESULT: Title: Python Basics | Author: Guido van Rossum | ISBN: 67890 | Status: Not Available
```


eclipse - practice/src/practice1/WarehouseInventorySystem.java - Eclipse IDE

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Movezero.java Repeat.java greater.java InsertEleme... RemoveEleme... _animal.java Binary.java Greater.java Reverse.java Youtube.java seIn.java LibraryManag... WarehouseIn...

practice > src > practice1 > WarehouseInventorySystem >

216 }

217

218 // Command: Save inventory to file

219 public void saveInventory(String filename) throws IOException {

220 try (ObjectOutputStream out = new ObjectOutputStream(new FileOutputStream(filename))) {

221 out.writeObject(products);

222 }

223 }

224

225 // Command: Load inventory from file

226 @SuppressWarnings("unchecked")

227 public void loadInventory(String filename) throws IOException, ClassNotFoundException {

228 try (ObjectInputStream in = new ObjectInputStream(new FileInputStream(filename))) {

229 products = (ConcurrentHashMap<String, Product>) in.readObject();

Problems Javadoc Declaration Search Console

WarehouseInventorySystem [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (29-Mar-2025, 2:09:54 pm) [pid: 9112]

Processing Order ID: 01 | Priority: EXPEDITED

Fulfilled: P1

Fulfilled: P2

Order Completed: 01

Processing Order ID: 02 | Priority: STANDARD

Fulfilled: P1

Order Completed: 02

Final Inventory State:

P1 - Laptop (Qty: 3) at Aisle 1, Shelf 2, Bin 3

P2 - Mouse (Qty: 9) at Aisle 1, Shelf 1, Bin 1

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260 : 2 : 6448

```
eclipse - practice/src/practice1/WarehouseInventorySystem.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
WarehouseInventorySystem [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (29-Mar-2025, 2:09:54 pm) [pid: 9112]
Processing Order ID: 01 | Priority: EXPEDITED
Fulfilled: P1
Fulfilled: P2
Order Completed: 01
Processing Order ID: 02 | Priority: STANDARD
Fulfilled: P1
Order Completed: 02

Final Inventory State:
P1 - Laptop (Qty: 3) at Aisle 1, Shelf 2, Bin 3
P2 - Mouse (Qty: 9) at Aisle 1, Shelf 1, Bin 1
```