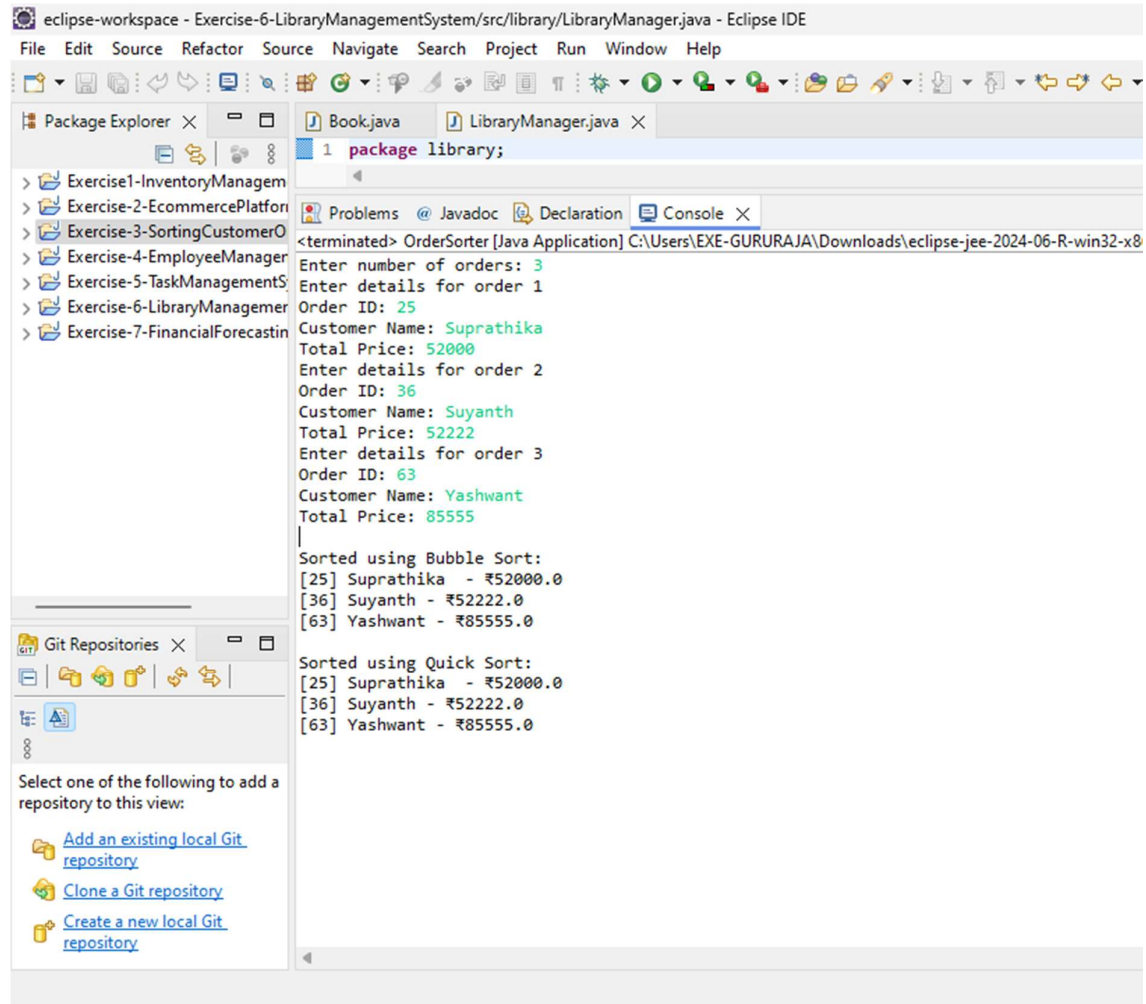


## Exercise 3: Sorting Customer Orders

Output screenshots



The screenshot shows the Eclipse IDE interface. The Package Explorer on the left lists several exercises, with 'Exercise-3-SortingCustomerO' selected. The main editor displays the 'package library;' statement in 'Book.java'. The Console window shows the output of the 'OrderSorter' application. The application prompts the user to enter the number of orders (3), then details for each order (Order ID, Customer Name, and Total Price). The output shows three orders: Order 1 (ID: 25, Name: Suprathika, Price: ₹52000.0), Order 2 (ID: 36, Name: Suyanth, Price: ₹52222.0), and Order 3 (ID: 63, Name: Yashwant, Price: ₹85555.0). The application then displays the sorted results using Bubble Sort and Quick Sort, both showing the same order: [25] Suprathika - ₹52000.0, [36] Suyanth - ₹52222.0, and [63] Yashwant - ₹85555.0.

```
<terminated> OrderSorter [Java Application] C:\Users\EXE-GURURAJA\Downloads\eclipse-jee-2024-06-R-win32-x86_64.exe
Enter number of orders: 3
Enter details for order 1
Order ID: 25
Customer Name: Suprathika
Total Price: ₹52000.0
Enter details for order 2
Order ID: 36
Customer Name: Suyanth
Total Price: ₹52222.0
Enter details for order 3
Order ID: 63
Customer Name: Yashwant
Total Price: ₹85555.0

Sorted using Bubble Sort:
[25] Suprathika - ₹52000.0
[36] Suyanth - ₹52222.0
[63] Yashwant - ₹85555.0

Sorted using Quick Sort:
[25] Suprathika - ₹52000.0
[36] Suyanth - ₹52222.0
[63] Yashwant - ₹85555.0
```