Book Rental and Inventory Management Program

1. Book Inventory Management (Book Management)

1) Book Table

  - Table Name: books

  - Fields:

    - bcode (VARCHAR): Book code

    - bname (VARCHAR): Book title

    - bprice (INT): Book price

    - bunit (INT): Book stock quantity

2) Book List Function

  - Displays a list of books with an input form for new purchases at the top.

  - If the same book code already exists, updates the stock quantity and calculates the average price.

3) Book Update Function

  - Allows modification of the title, price, and stock quantity using the book code.

4) Book Deletion Function

  - Enables deletion of a book using its code.

2. Book Rental Management Program (Rental Management)

1) Rental Table

  - Table Name: rentals

  - Fields:

    - bcode (VARCHAR): Rented book code

    - bunit (INT): Quantity rented

    - rdate (DATE): Rental date

2) Rental Records Management

- Displays rental records, showing each book title and price from the book table.

- Sorts records by date and calculates both subtotal and total rental amount for each rental.

3) Rental Function

- Allows input of book code and rental quantity at the top of the rental page.

- Verifies stock availability before recording a rental entry.

4) Inventory Deduction

- After rental, deducts stock by the rented quantity in the book table.