

## Assignment 7

**Prepare a series of SQL statements to INSERT new records into the library tables, UPDATE existing records with new information, and DELETE records based on specific criteria. Include BULK INSERT operations to load data from an external source."**

```
use LiabrarySystem;
CREATE TABLE Books (
    book_id INT PRIMARY KEY,
    title VARCHAR(255) NOT NULL,
    author VARCHAR(255) NOT NULL,
    publication_year INT NOT NULL,
    isbn VARCHAR(13) NOT NULL,
    available_copies INT NOT NULL
);
CREATE TABLE Members (
    member_id INT PRIMARY KEY,
    name VARCHAR(255) NOT NULL,
    address VARCHAR(255) NOT NULL,
    email VARCHAR(255) NOT NULL
);
-- Insert a new book record
INSERT INTO Books (book_id, title, author, publication_year, isbn, available_copies)
VALUES (1, 'The Great Gatsby', 'F. Scott Fitzgerald', 1925, '9780743273565', 5);

-- Insert a new member record
INSERT INTO Members (member_id, name, address, email)
VALUES (1, 'John Smith', '123 Main St, Cityville', 'john@example.com');

-- Update the available copies of a book
UPDATE Books
SET available_copies = available_copies - 1
WHERE book_id = 1;

-- Update a member's address
UPDATE Members
SET address = '456 Elm St, Townsville'
WHERE member_id = 1;

-- Delete a book record
DELETE FROM Books
WHERE book_id = 1;

-- Delete a member record
DELETE FROM Members
WHERE member_id = 1;
describe bulkbook;
```

