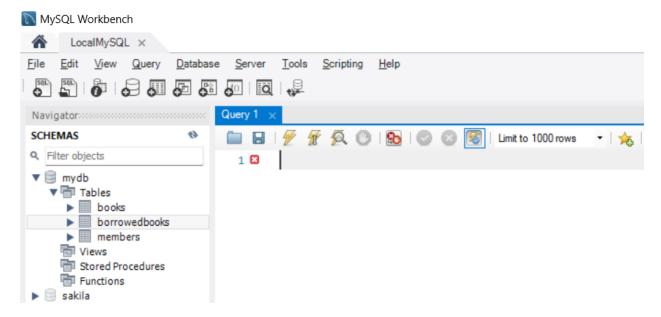
## **Assignment-7**

Name: Boyapati Durgamallikarjuna

RPS UserID: 21951

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.

## Tables created for pushing the data using file:



## SQL file with commands

```
Query 1 bulk
Navigator
SCHEMAS
                              🚞 🖫 | 🐓 🖟 👰 🔘 | 🚱 | 🥥 🔞 📓 | Limit to 1000 rows 🔻 埃 | 🥩 🔍 🐧 🖫
Q Filter object
                                       -- **INSERT Statements**
▼ 🗐 mydb
▼ 🛅 Tables
                                       -- Adding new books to the library
    books
borrowedbooks
members
                                4 • use mydb;
     Views
Stored Procedures
Functions
                                      INSERT INTO Books (BookID, Title, Author, Category, PublishedYear, CopiesAvailable)
                                       VALUES
sakila
                                       (101, '1984', 'George Orwell', 'Fiction', 1949, 5),
                                       (102, 'To Kill a Mockingbird', 'Harper Lee', 'Fiction', 1960, 3),
                                      (103, 'A Brief History of Time', 'Stephen Hawking', 'Science', 1988, 2);
                               10
                               11
                               12
                                       -- Adding new members to the library
                               13 • INSERT INTO Members (MemberID, FirstName, LastName, MembershipDate, MembershipType)
                               14
                                      VALUES
                               15
                                      (1, 'Alice', 'Smith', '2023-01-15', 'Regular'),
                                      (2, 'Bob', 'Johnson', '2023-02-10', 'Premium'),
                               16
                               17
                                     (3, 'Charlie', 'Brown', '2023-03-05', 'Regular');
                                      -- **UPDATE Statements**
Administration Schemas
```

## After SQL file Executed:

	#	Time	Action	Message
0		08:44:08	use mydb	0 row(s) affected
0	1	08:44:08	INSERT INTO Books (BookID, Title, Author, Category, PublishedYear, CopiesAvailable) VALUES (101, '1984', 'G	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0
0		08:44:08	$INSERT\ INTO\ Members\ (MemberID,\ FirstName,\ LastName,\ Membership\ Date,\ Membership\ Type)\ VALUES\ (1,\ 'Alic$	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0
0	4	08:44:08	UPDATE Books SET CopiesAvailable = 7 WHERE BookID = 101	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0
0		08:44:08	UPDATE Members SET MembershipType = 'Premium' WHERE MemberID = 1	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0