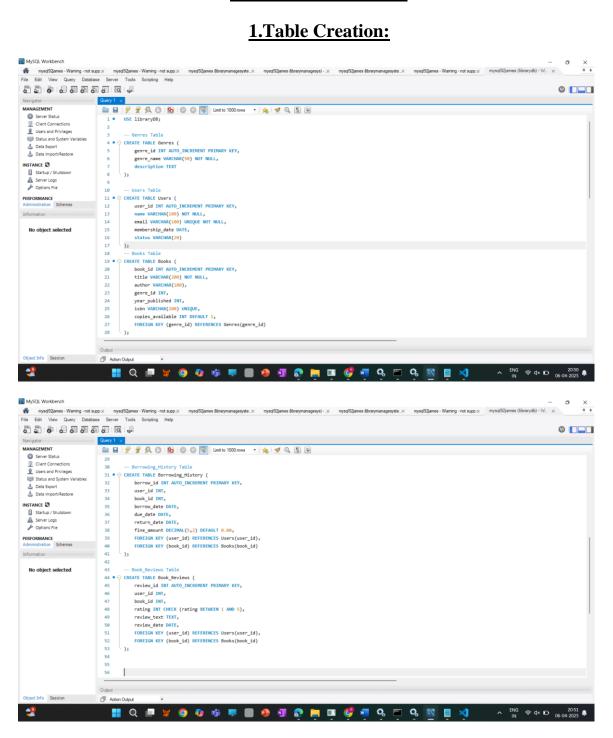
# **SCREENSHOTS**

## 1. Table Creation:



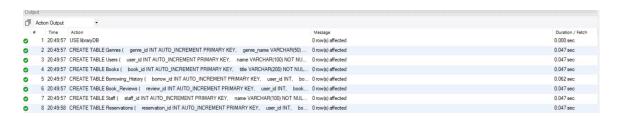
```
MySQL Workbench
  ** mysd$2ames Warning -not supp. x mysd$2ames Warning -not supp. x mysd$2ames (Braymanagesyste. x mysd$2ames (Braymanagesyst
    Ø
     MANAGEMENT
                                                                                    🗎 🖫 | 🗲 💆 🔕 🕒 | 🚳 | 🚳 🚳 🔞 🔞 | Limit to 1000 rows 🔻 | 🜟 | 🥩 🔍 🐧 🖫
                                                                             51 FOREIGN KEY (user_id) REFERENCES Users(user_id),
52 FOREIGN KEY (book_id) REFERENCES Books(book_id)
53 );
54
         Client Connections
Users and Privileges
         Status and System Variables
         å Data Export
                                                                                      55

▲ Data Import/Restore

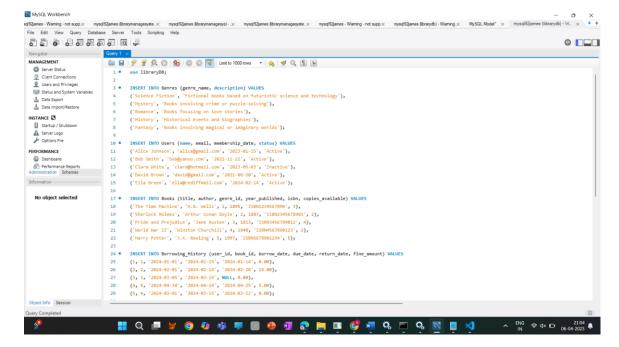
                                                                                      56
57
58 -- Staff Table
59 * © CREATE TABLE Staff (
60 staff_id int AUTO_INCREMENT PRIMARY KEY,
61 name VARCHAR(100) NOT NULL,
62 email VARCHAR(100),
    INSTANCE 🕄
        Startup / Shutdown

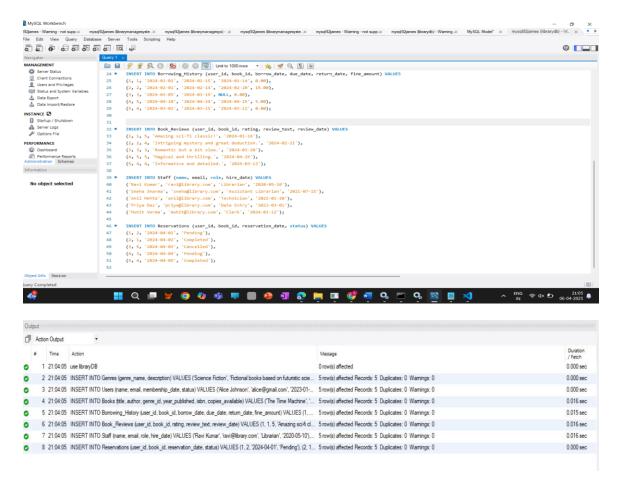
Server Logs

Options File
    PERFORMANCE
Administration Schemas
                                                                                    Information
         No object selected
                                                                                                             reservation_id INT AUTO_INCREMENT PRIMARY KEY,
                                                                                                                    reservation_date DATE,
status VARCHAR(20),
FOREIGN KEY (user_id) REFERENCES Users(user_id),
FOREIGN KEY (book_id) REFERENCES Books(book_id)
                                                                                   Action Output
```



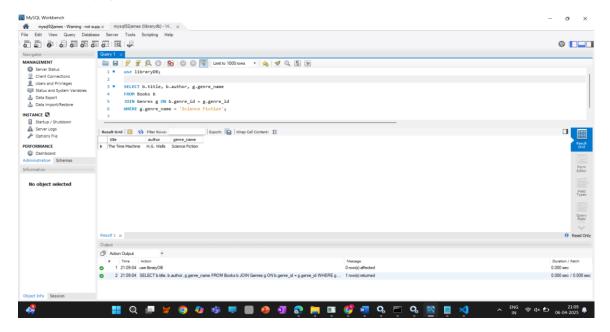
# **2.Sample Data Insertion:**



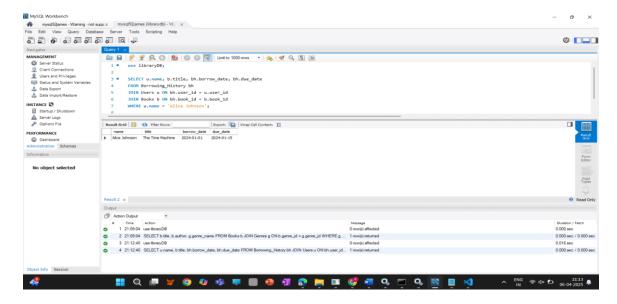


# 3.Data Retrieval Queries:

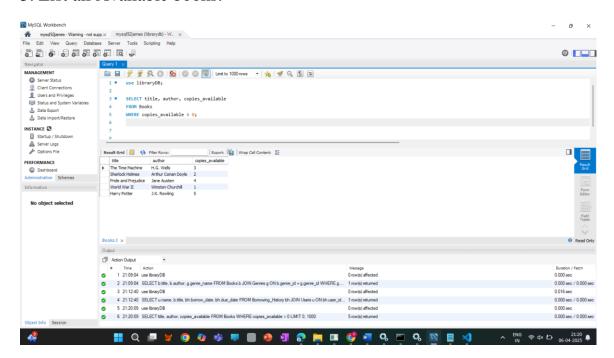
# 1.Books by genre:



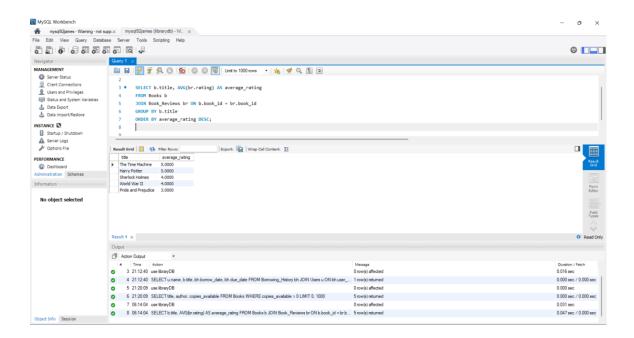
## 2. Books Borrowed by a Specific User:



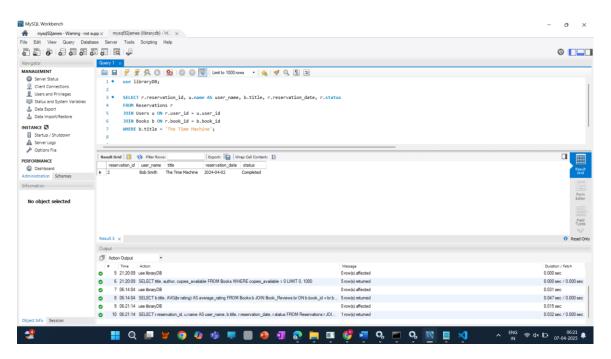
### 3. List all Available books:



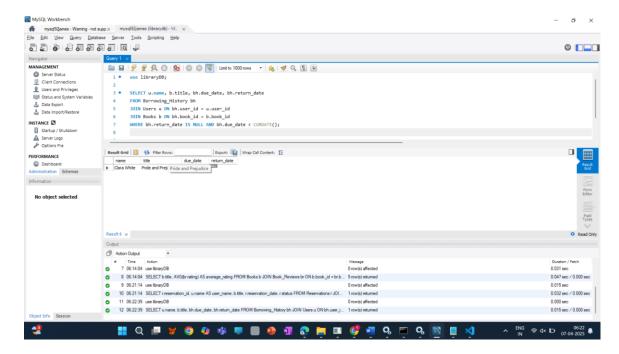
## 4. Books with Average Rating



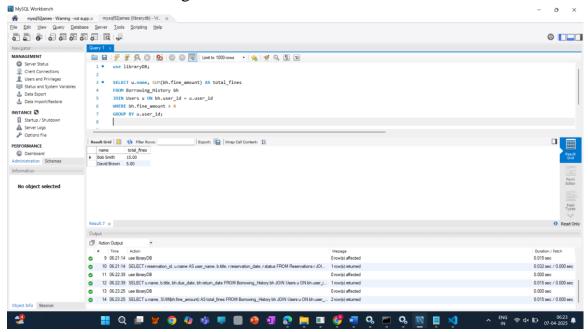
### 5. Reservations for a Book:



#### 6. Overdue Books:

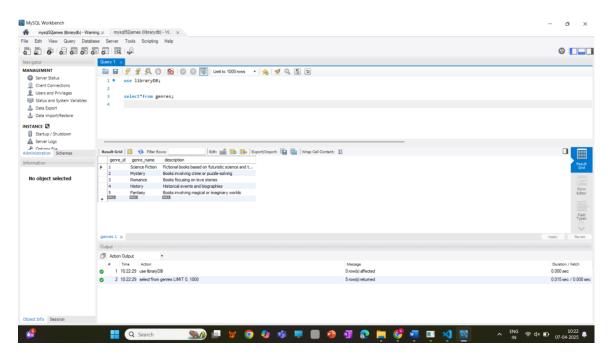


# 7. User with outstanding fines:

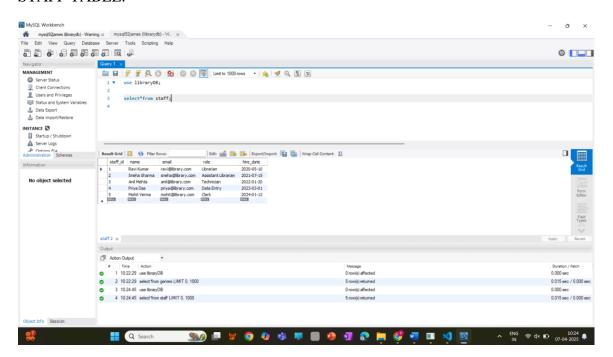


### **4. Select Queries:**

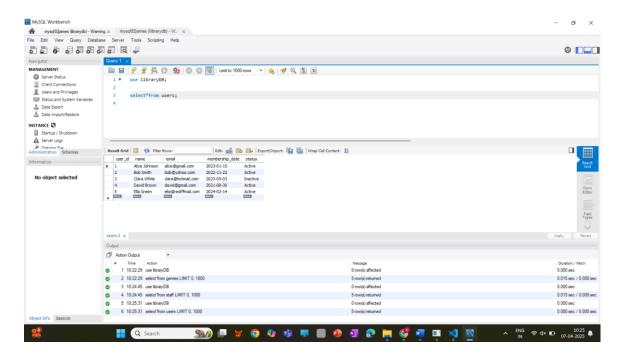
#### **GENRES TABLE:**



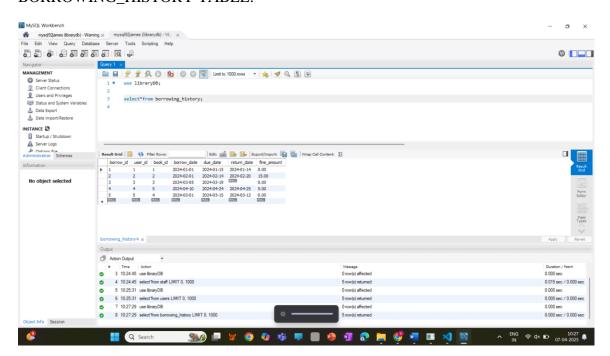
#### STAFF TABLE:



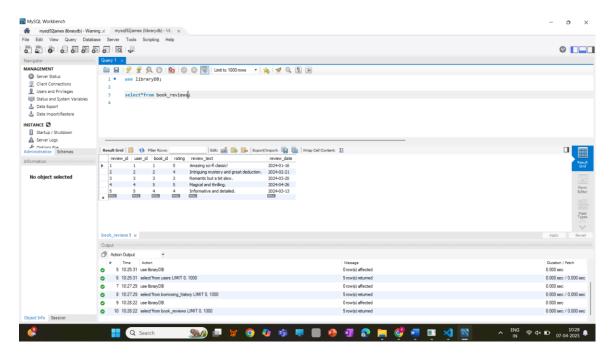
#### **USERS TABLE:**



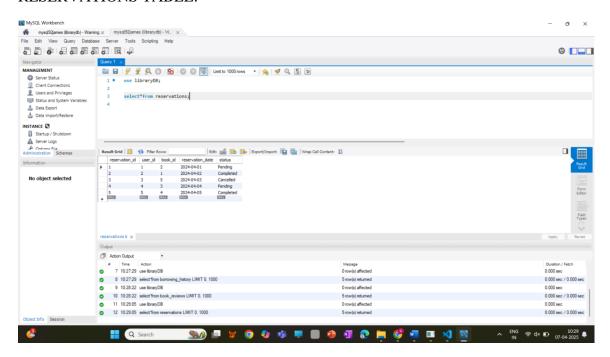
#### **BORROWING HISTORY TABLE:**



#### BORROWING\_REVIEWS TABLE:



#### **RESERVATIONS TABLE:**



### **BOOKS TABLE:**

