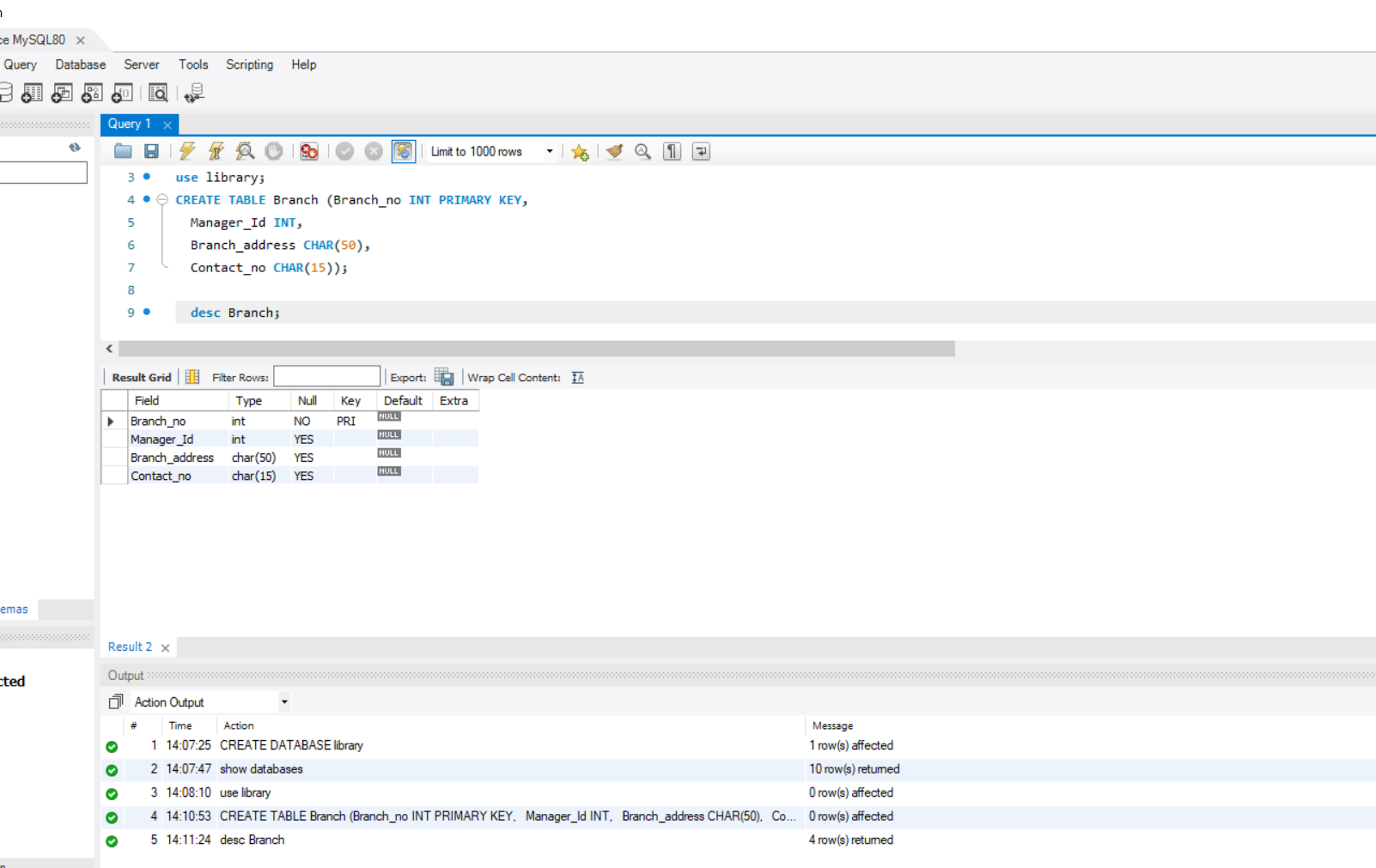
Module 2: Library Management System:

**1. Branch**

* **Branch\_no - Set as PRIMARY KEY**
* **Manager\_Id**
* **Branch\_address**
* **Contact\_no**



**2. Employee**

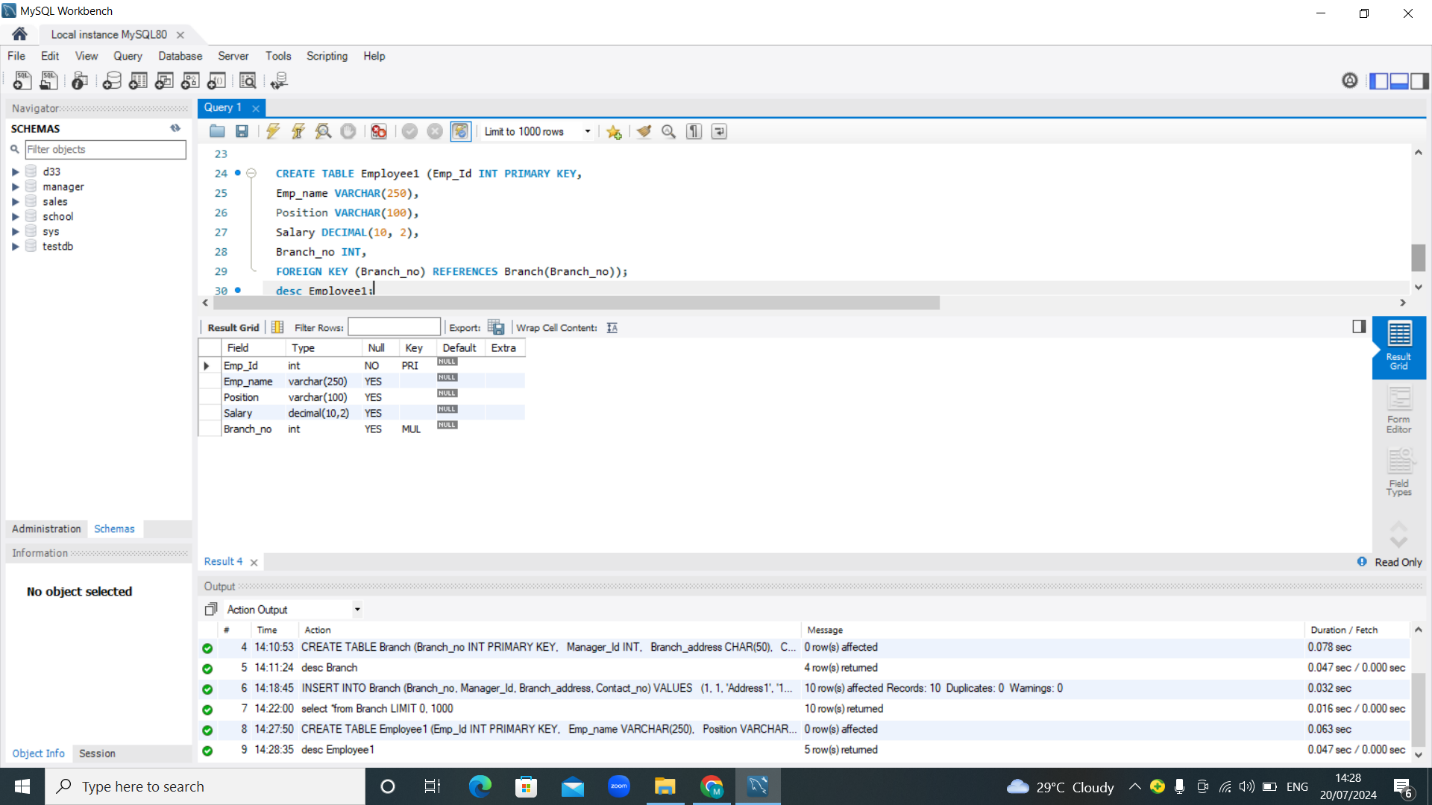
**Emp\_Id – Set as PRIMARY KEY**

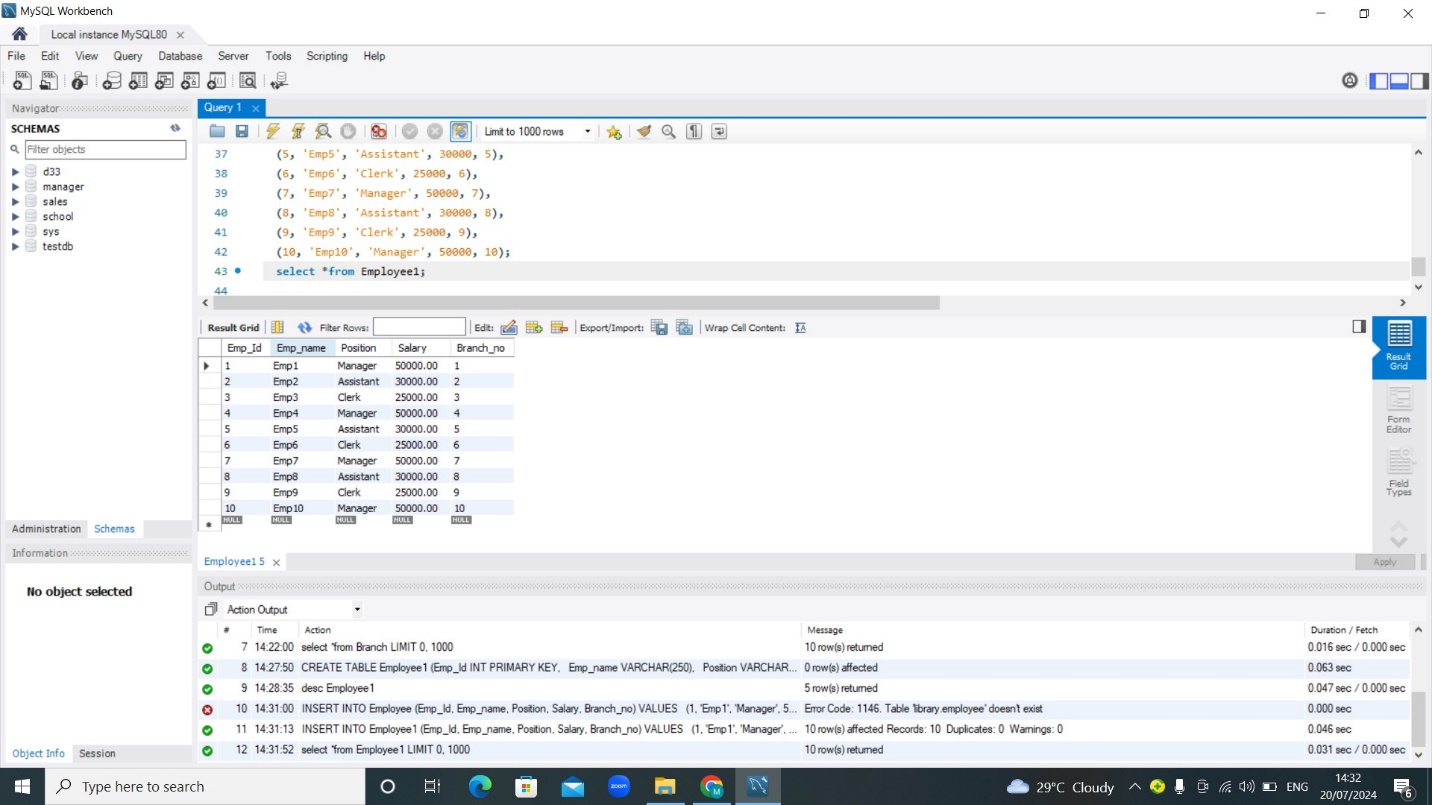
**Emp\_name**

**Position**

**Salary**

**Branch\_no - Set as FOREIGN KEY and it refer Branch\_no in Branch table**





**3. Books**

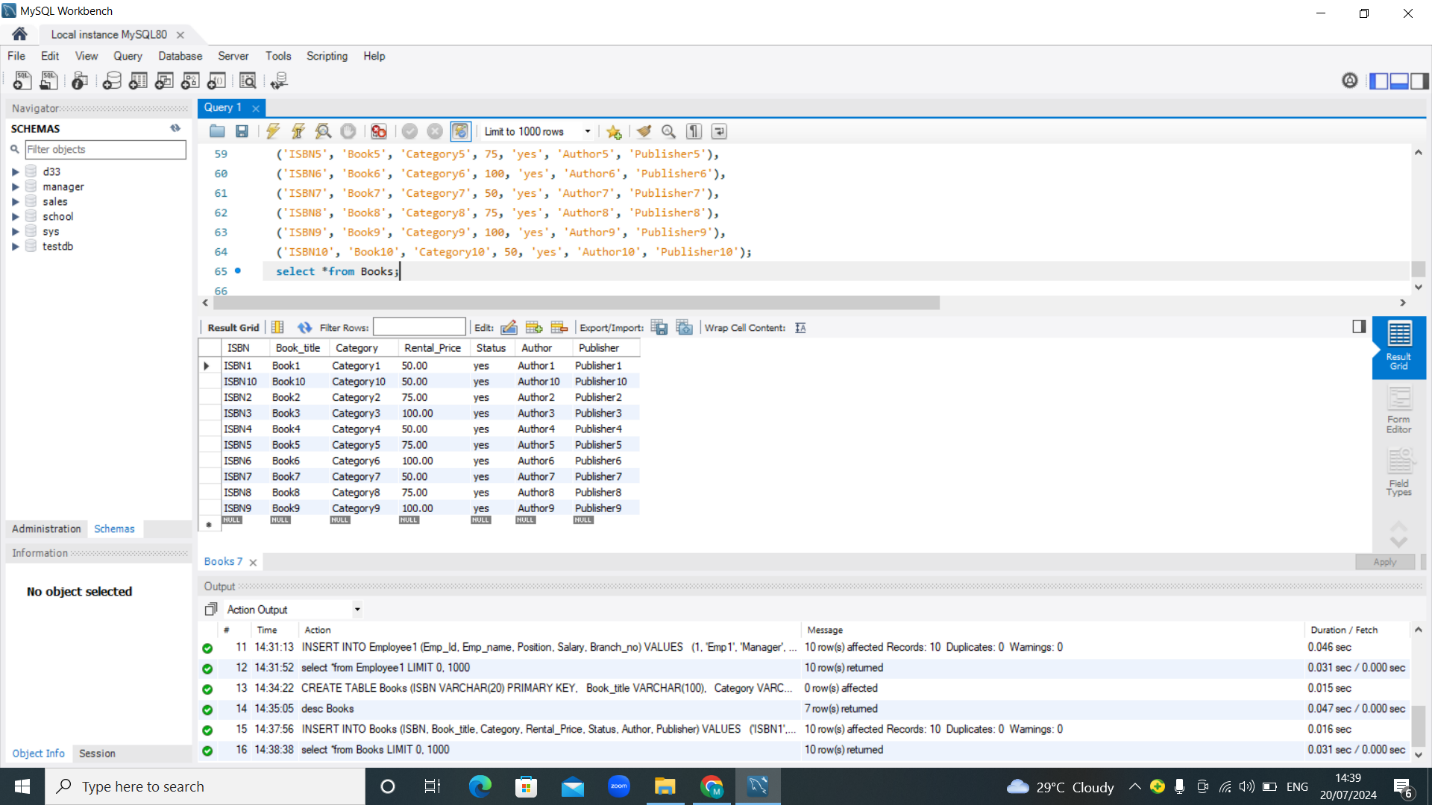
**ISBN - Set as PRIMARY KEY**

**Book\_title**

**Category**

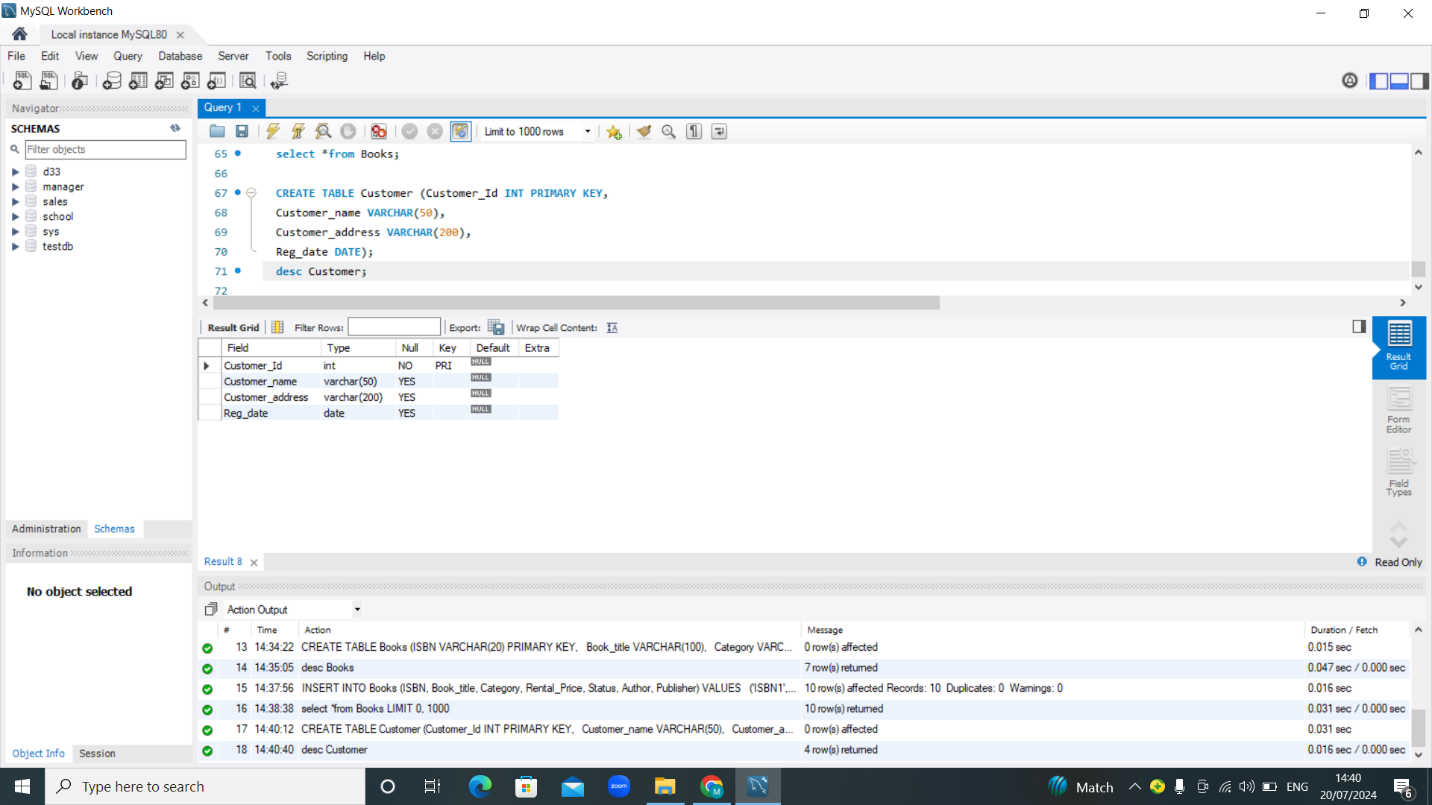
**Rental\_Price**

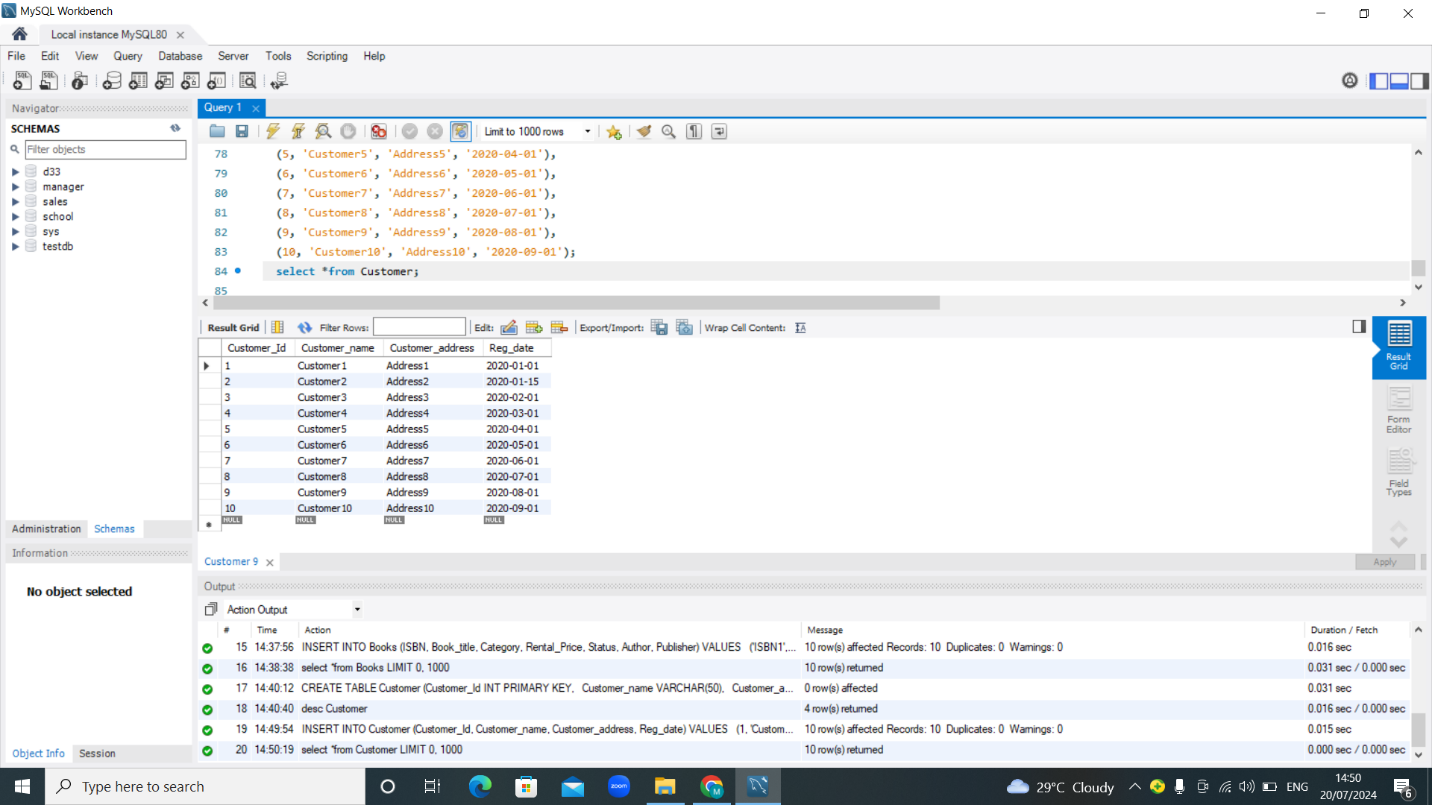
**Status [Give yes if book available and no if book not availab**le]

* **Author**
* **Publisher**
* 
* 

**4. Customer**

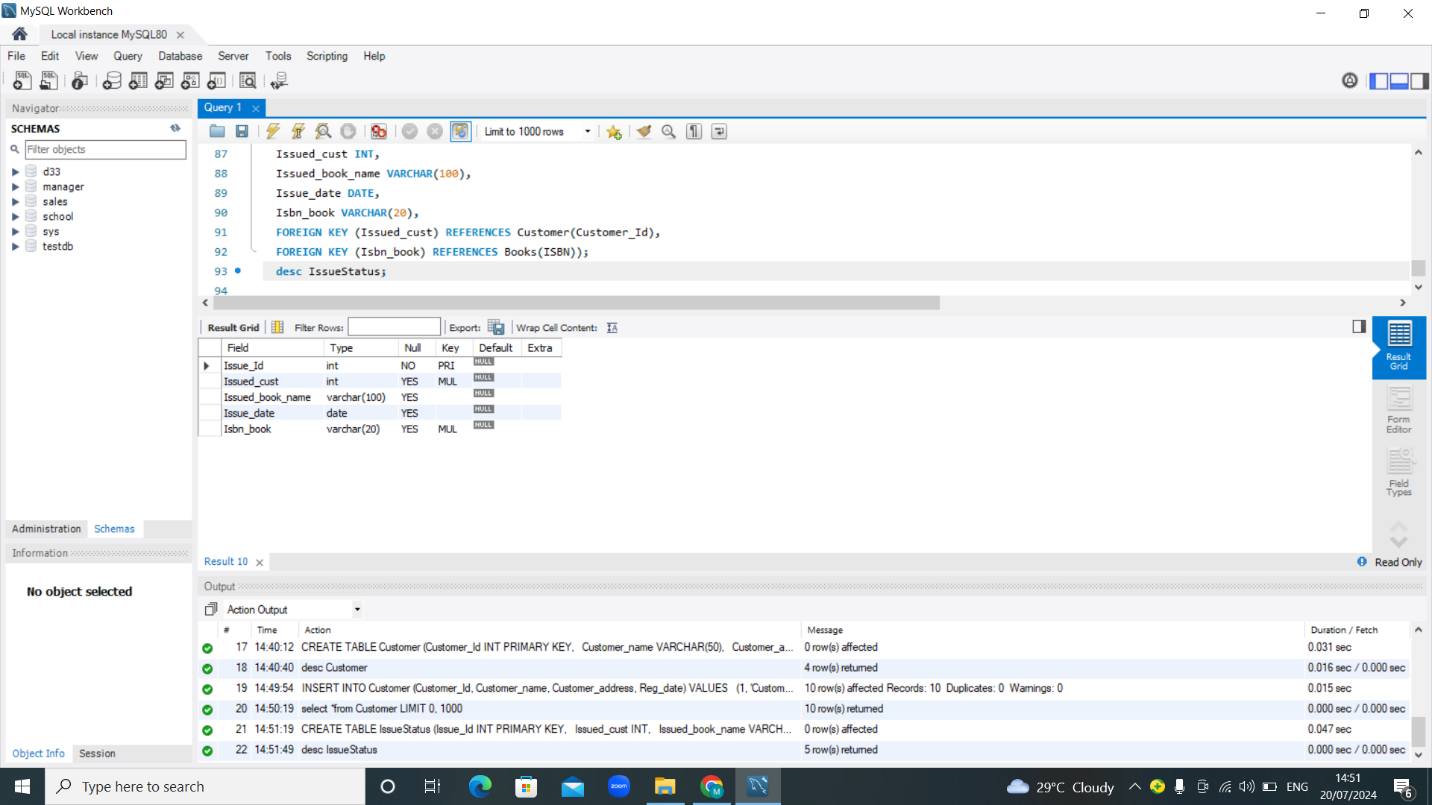
* **Customer \_Set as PRIMARY KEY**
* **Customer\_name**
* **Customer\_address**
* **Reg\_date**

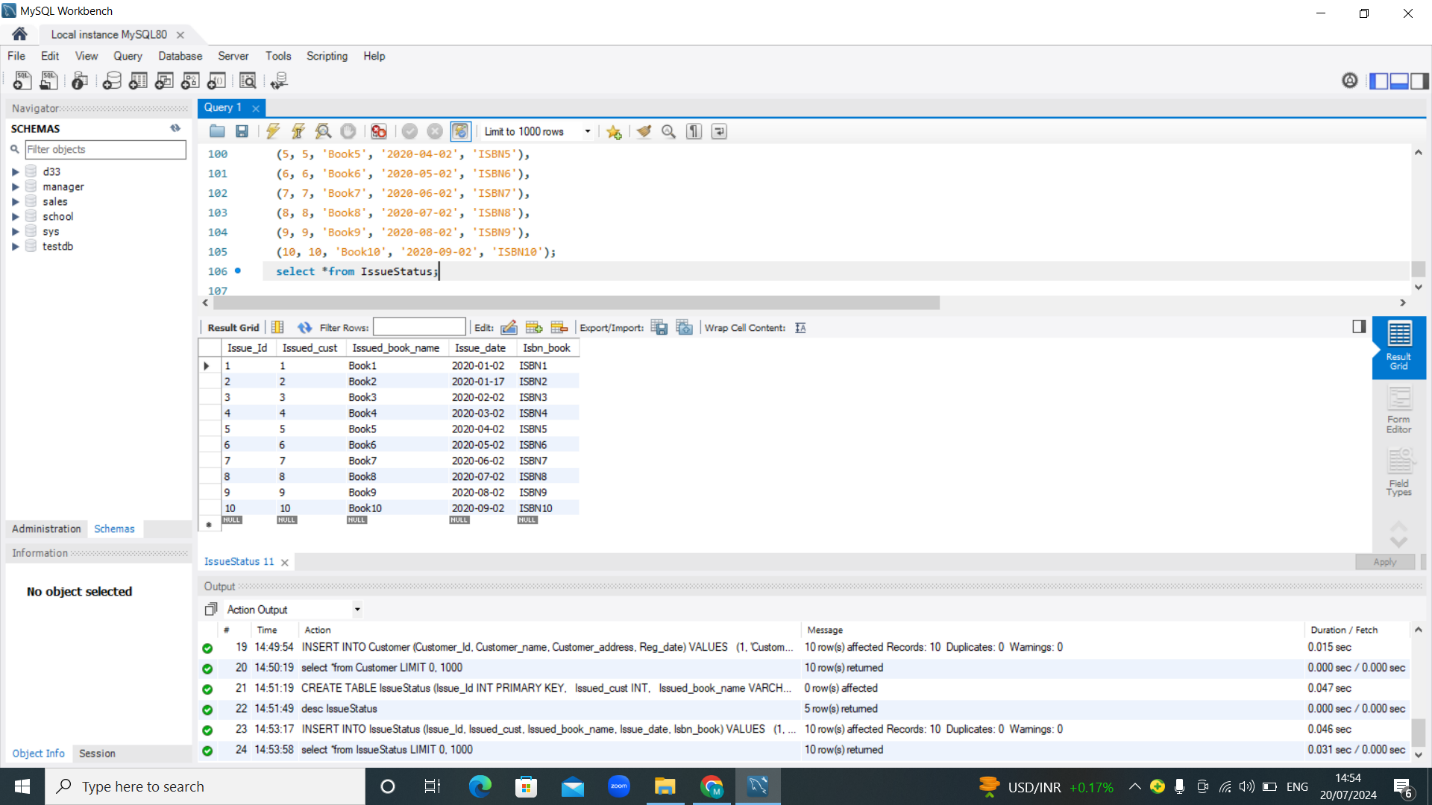




5**. Issue Status**

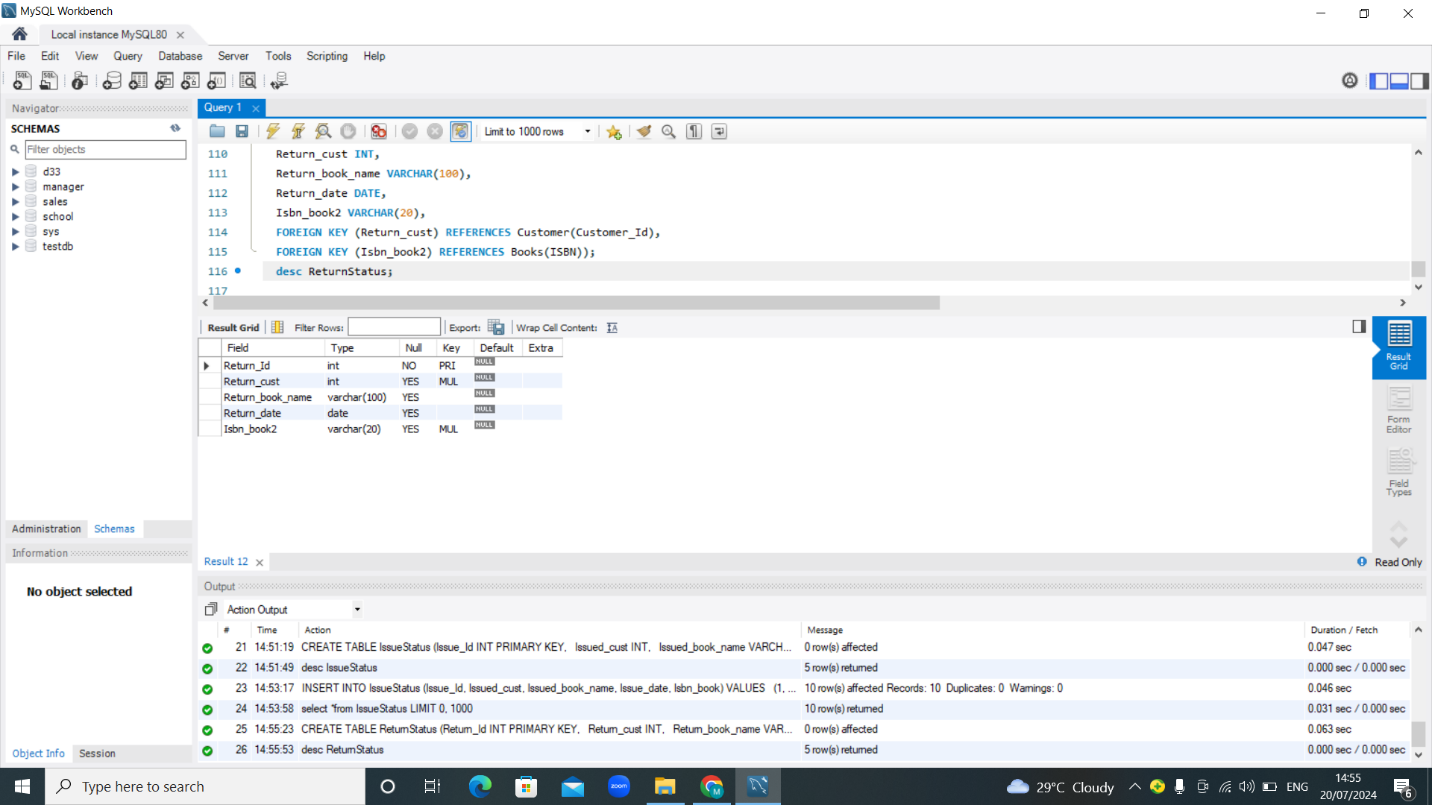
* **Issued \_Set as PRIMARY KEY**
* **Issued\_cust – Set as FOREIGN KEY and it refer customer\_id in CUSTOMER table Issued\_book\_name**
* **Issue\_date**
* **Isbn\_book – Set as FOREIGN KEY and it should refer isbn in BOOKS table**

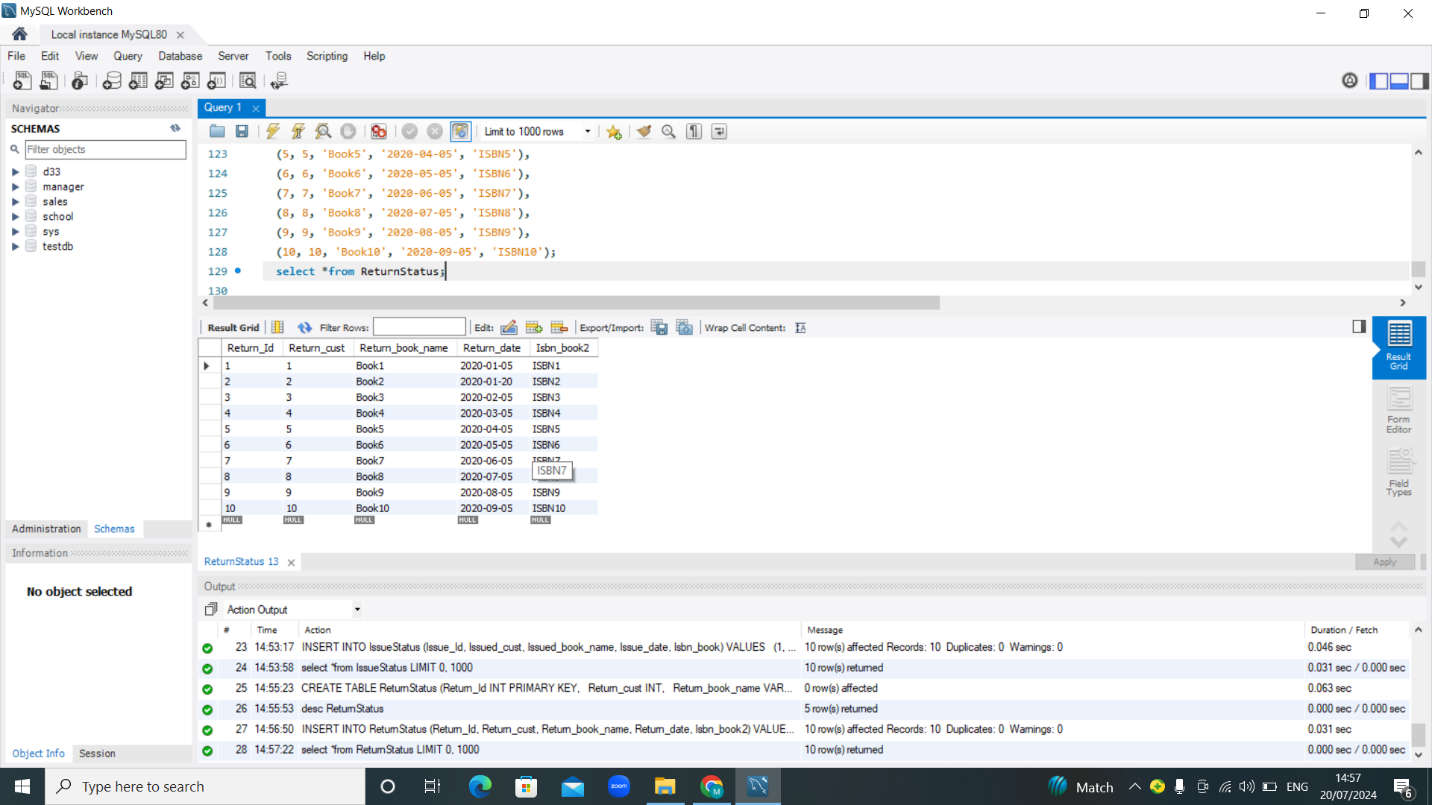




**6. Return Status**

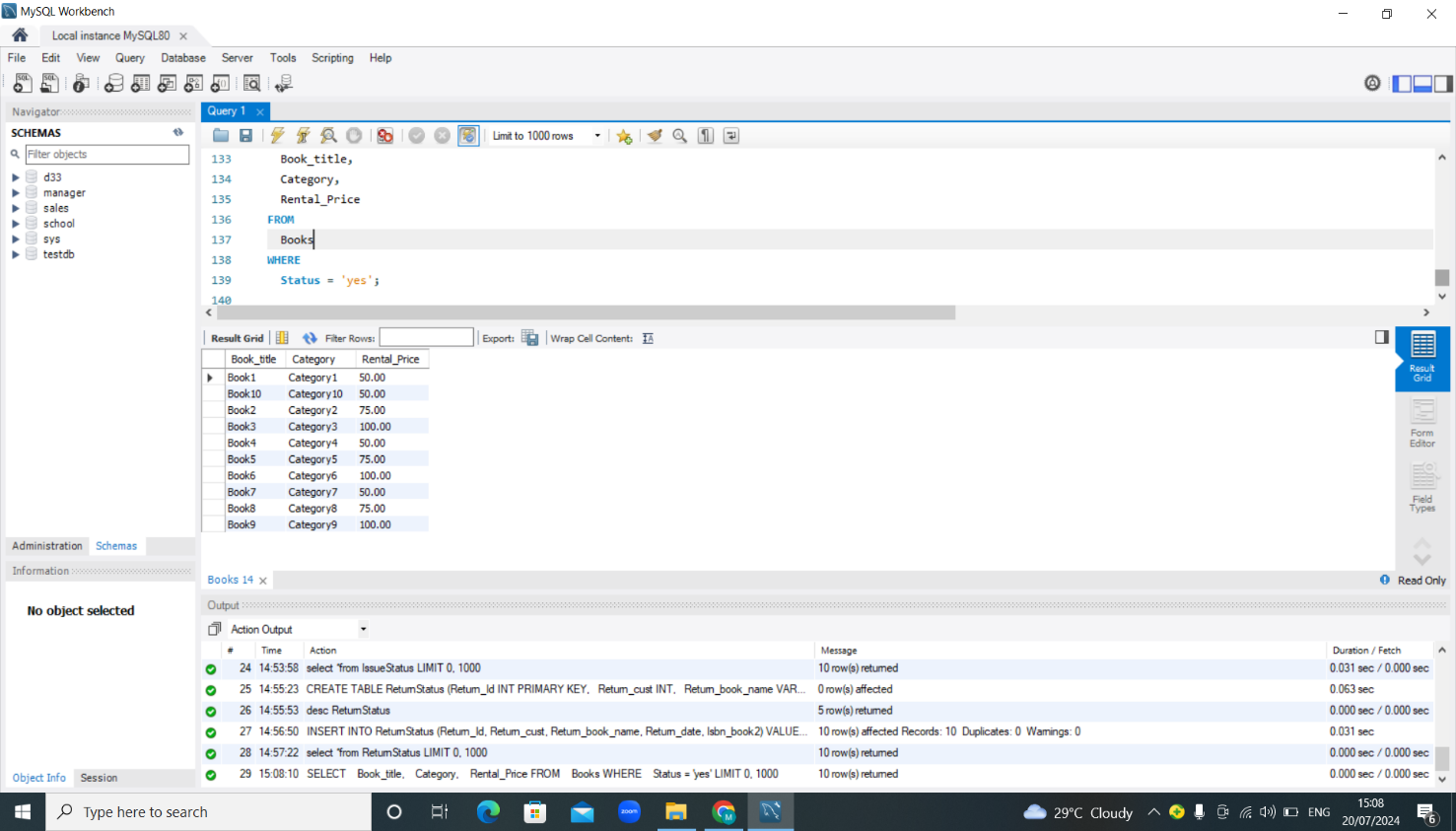
* **Return\_Id - Set as PRIMARY KEY**
* **Return\_cust**
* **Return\_book\_name**
* **Return\_date**
* **Isbn\_book2 - Set as FOREIGN KEY and it should refer isbn in BOOKS table**



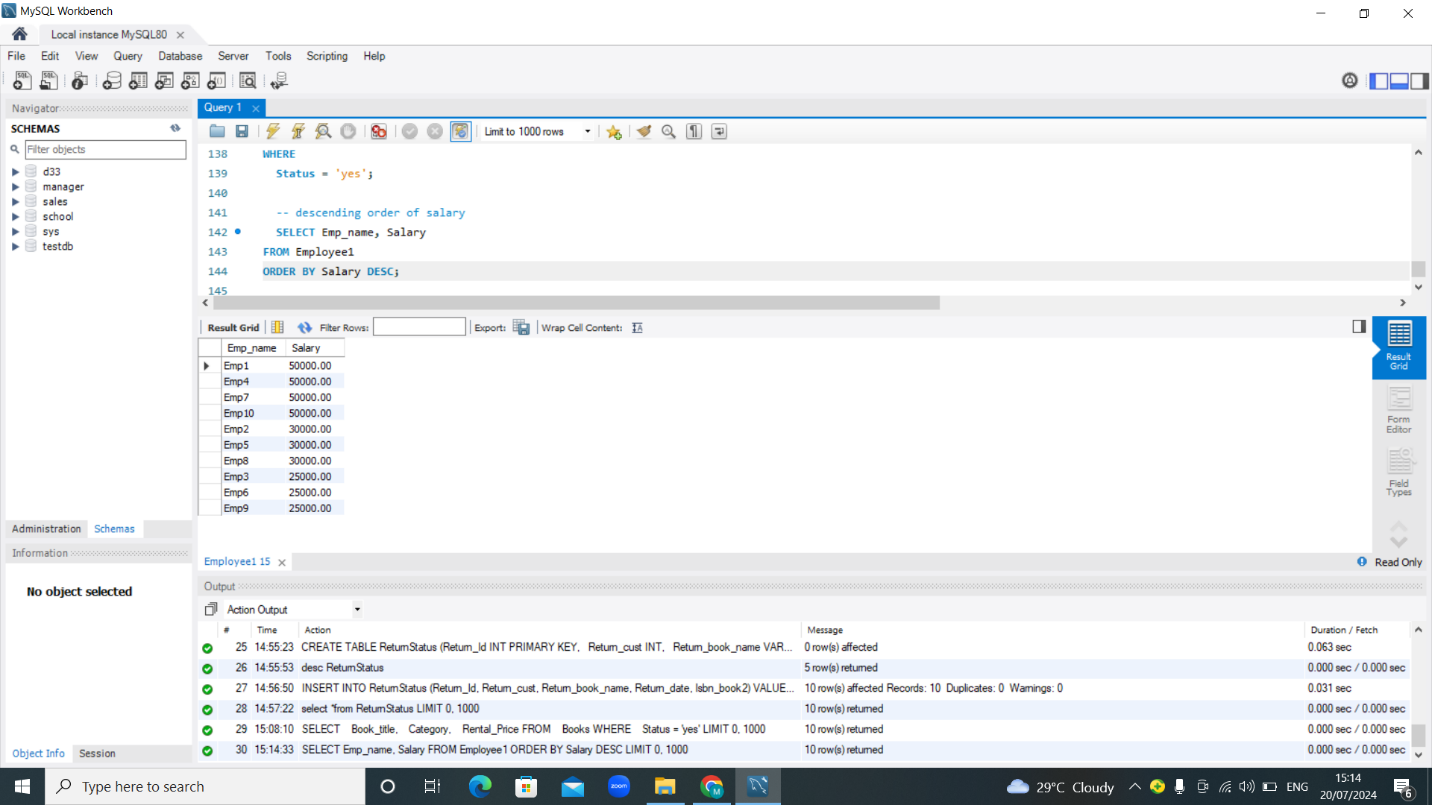


**Display all the tables and Write the queries for the following :**

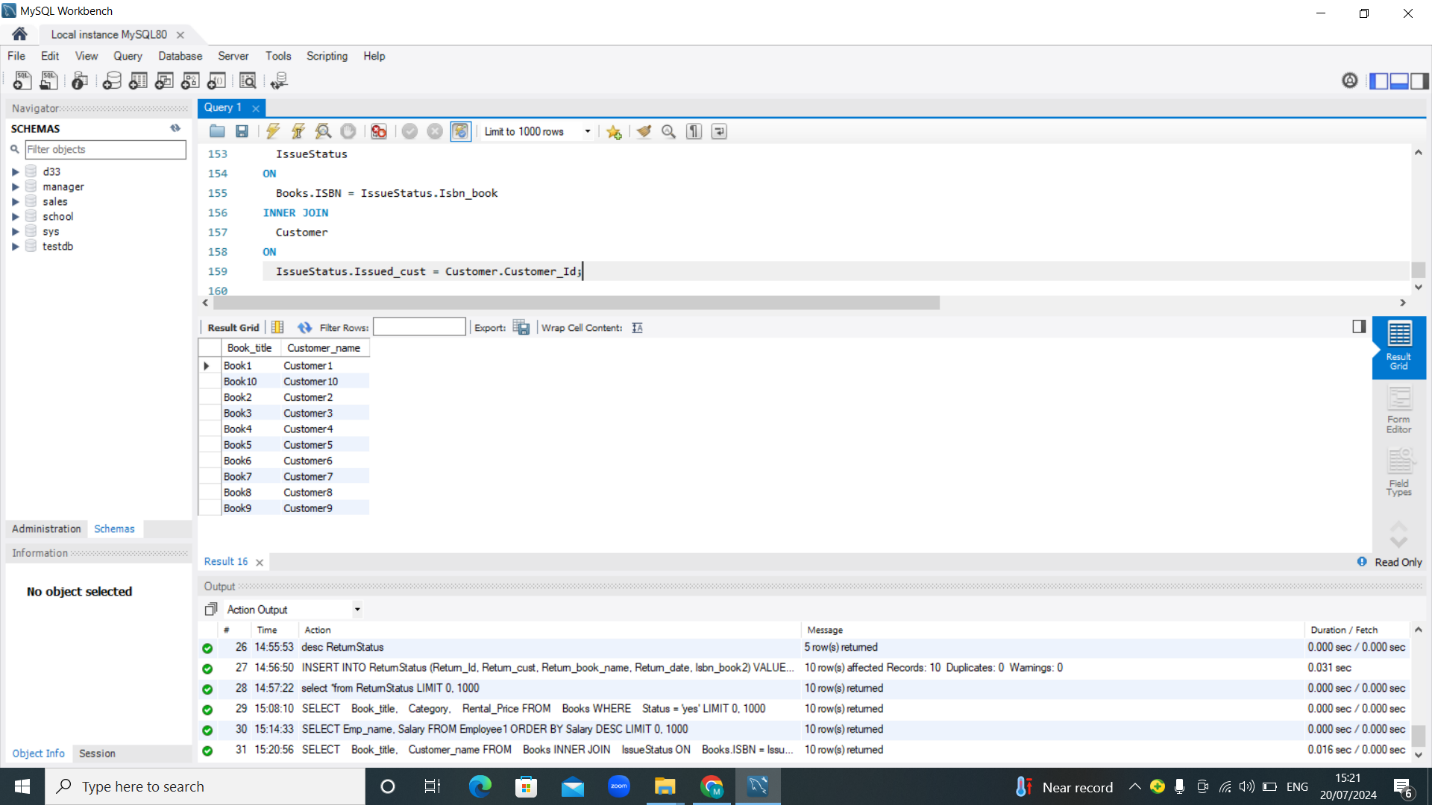
**1. Retrieve the book title, category, and rental price of all available books.**



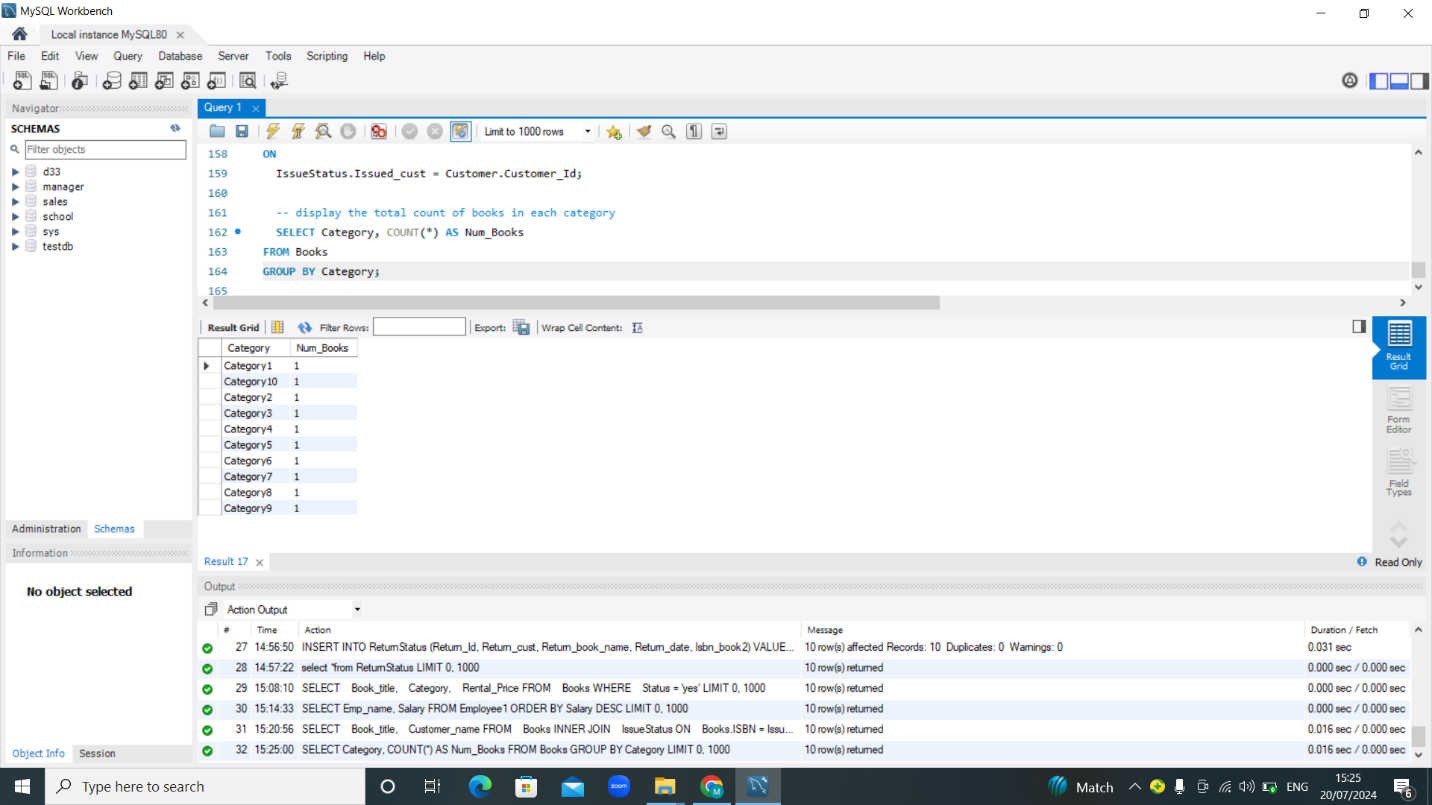
**2. List the employee names and their respective salaries in descending order of** **salary**.



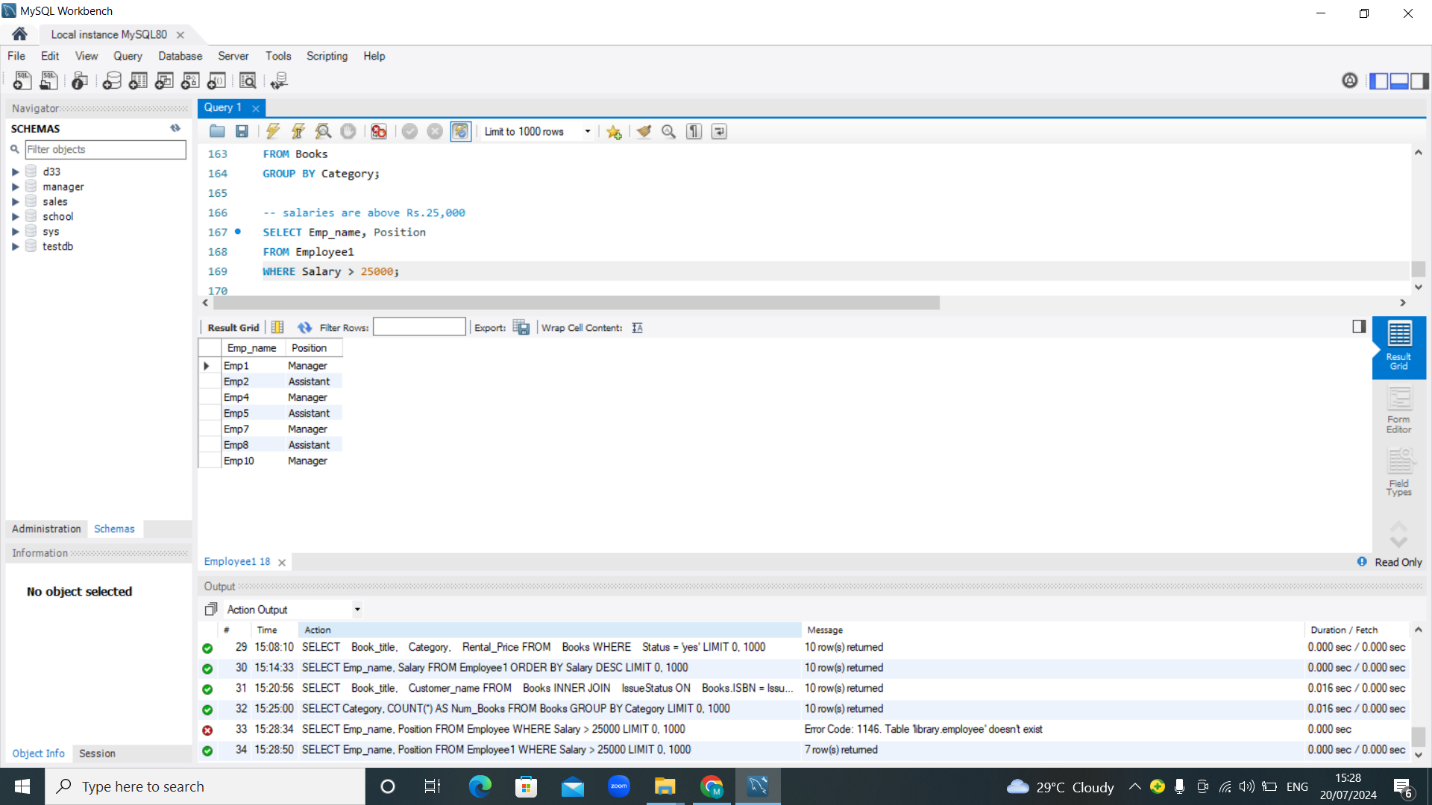
3**. Retrieve the book titles and the corresponding customers who have issued those books.**



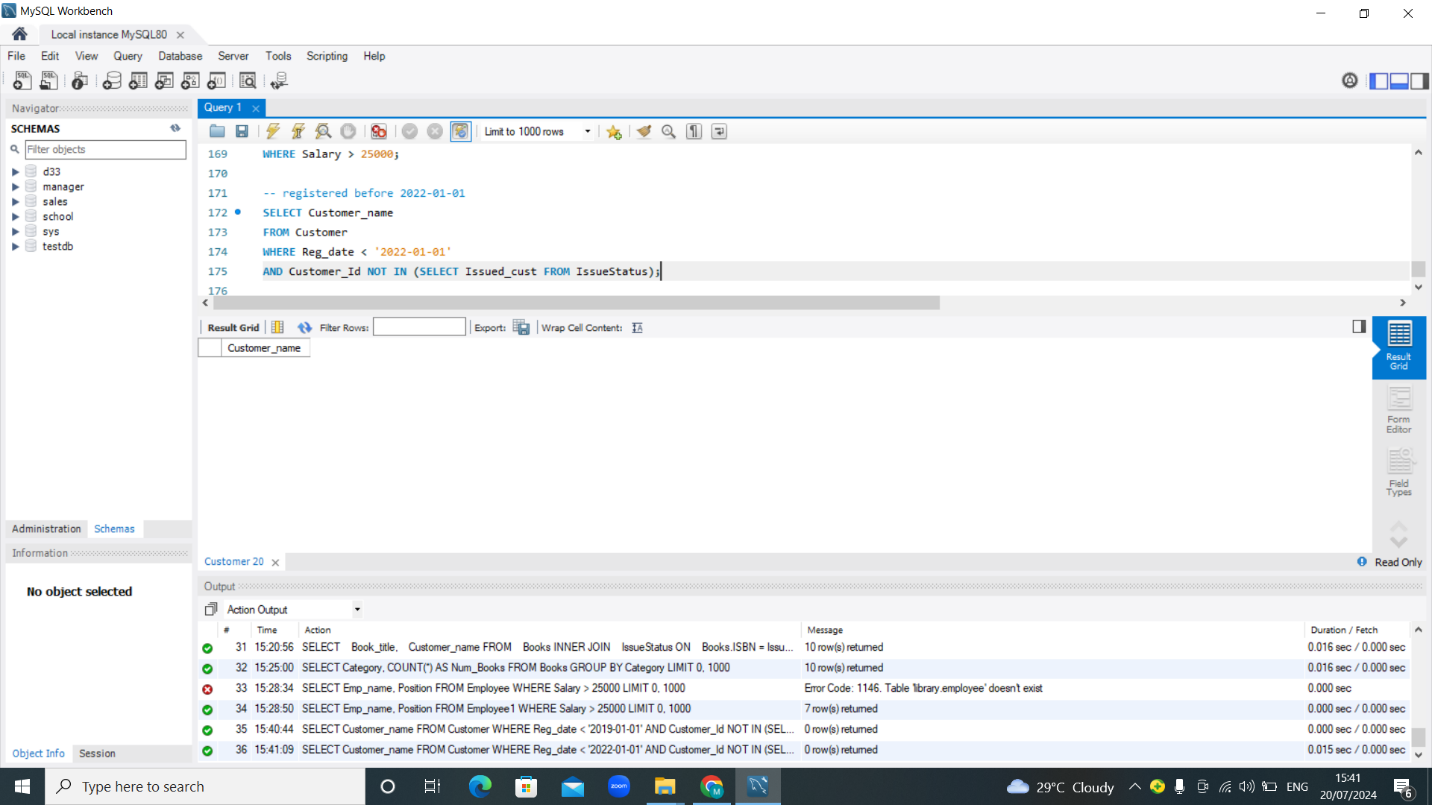
4**. Display the total count of books in each category.**



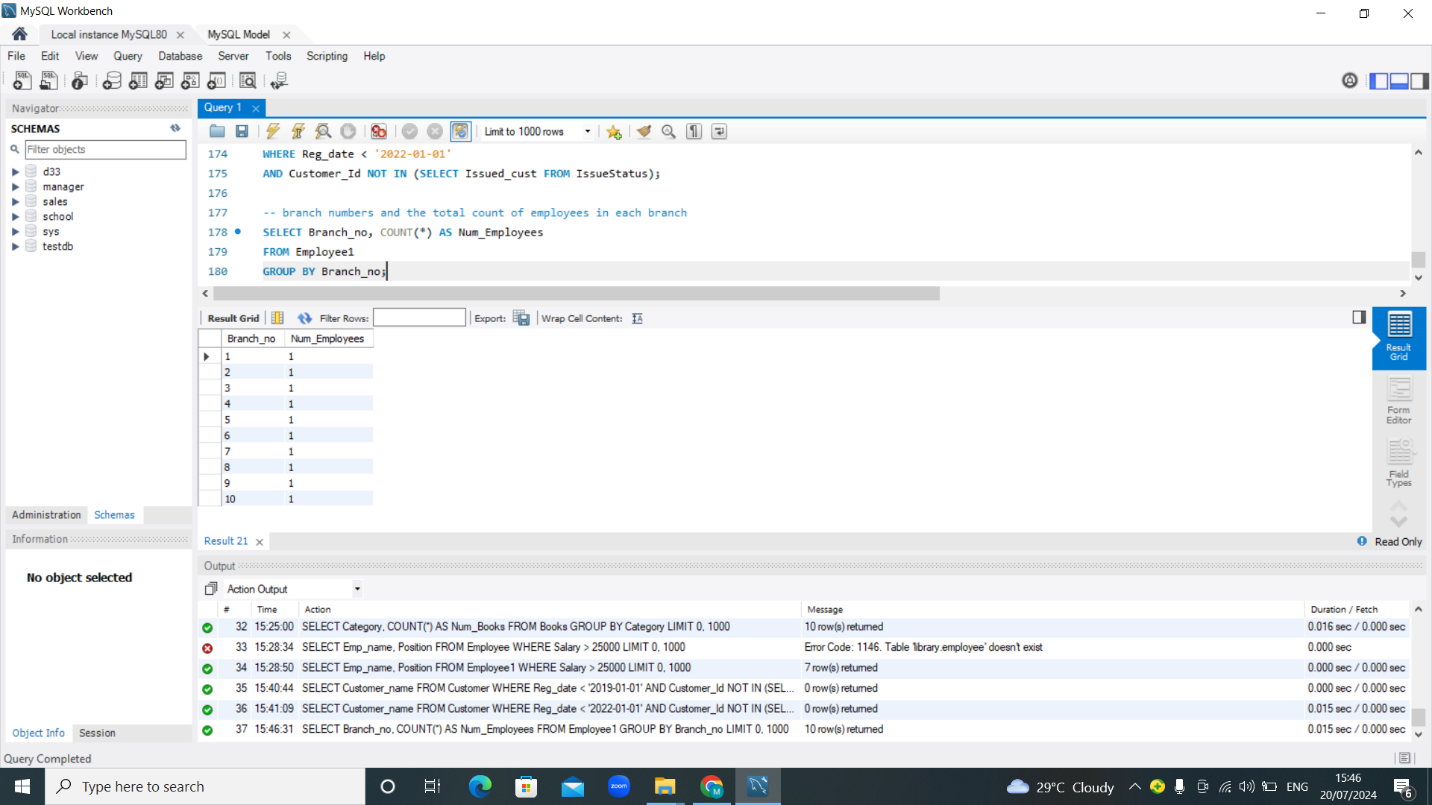
5**. Retrieve the employee names and their positions for the employees whose salaries are above Rs.25,000.**



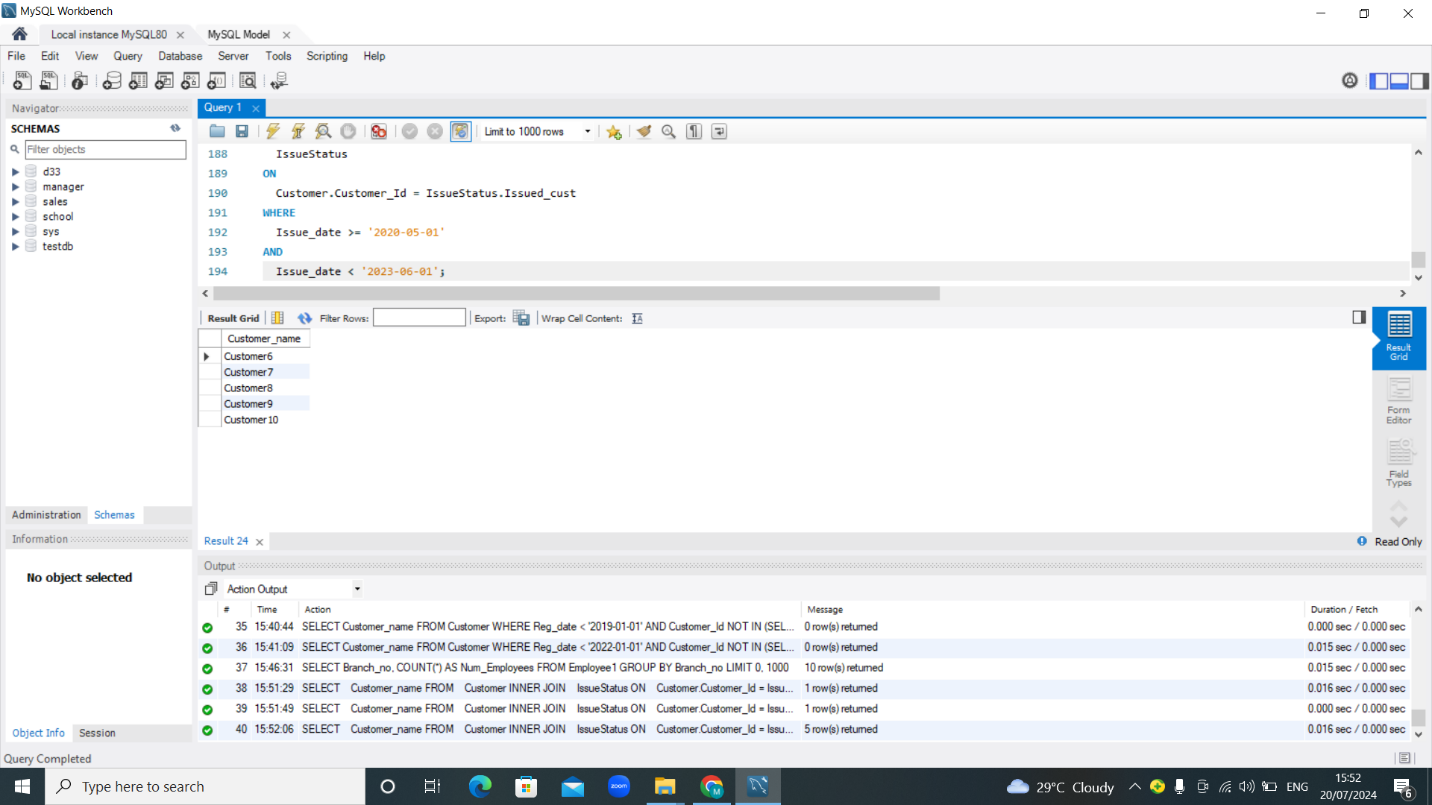
**6. List the customer names who registered before 2022-01-01 and have not issued any books yet.**



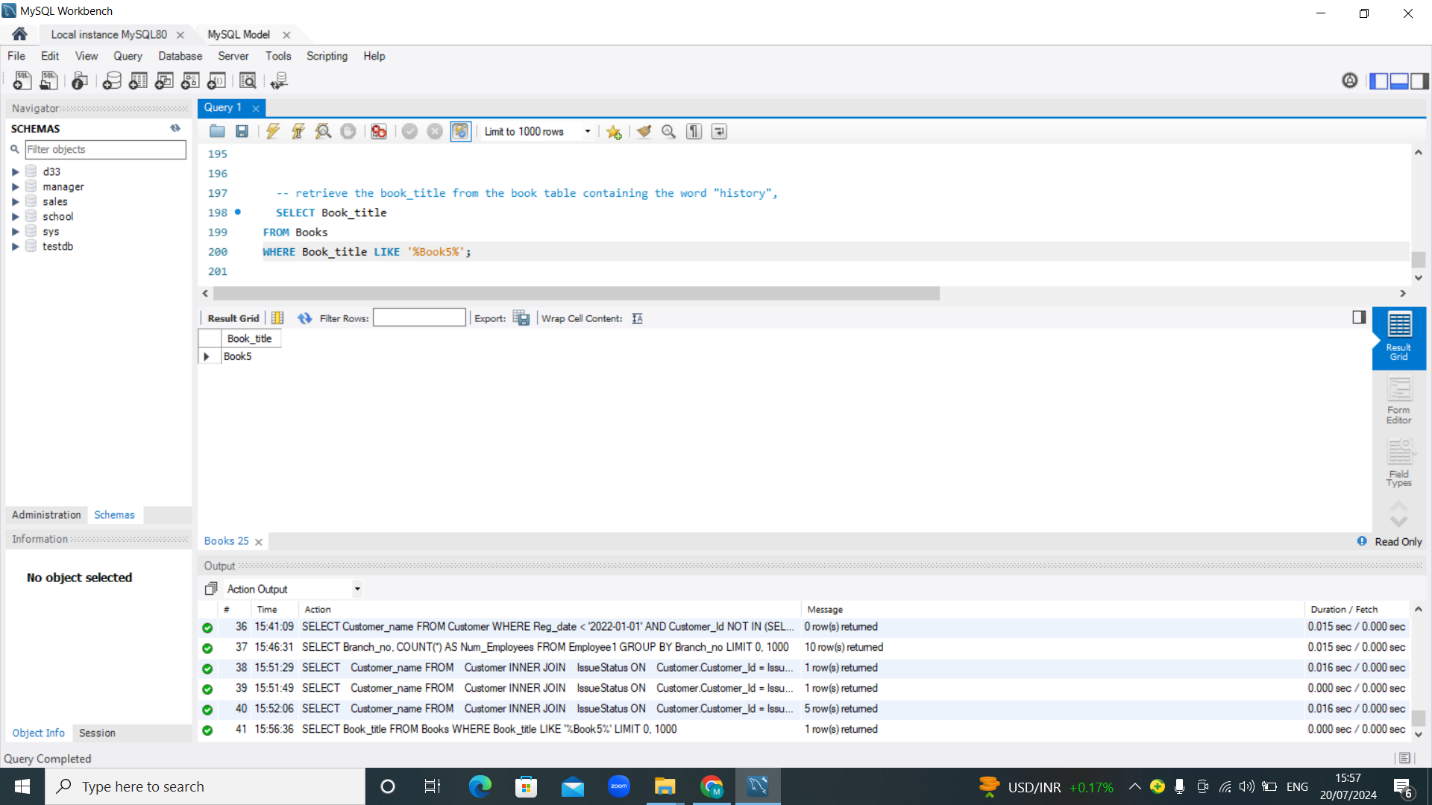
**7. Display the branch numbers and the total count of employees in each branch.**



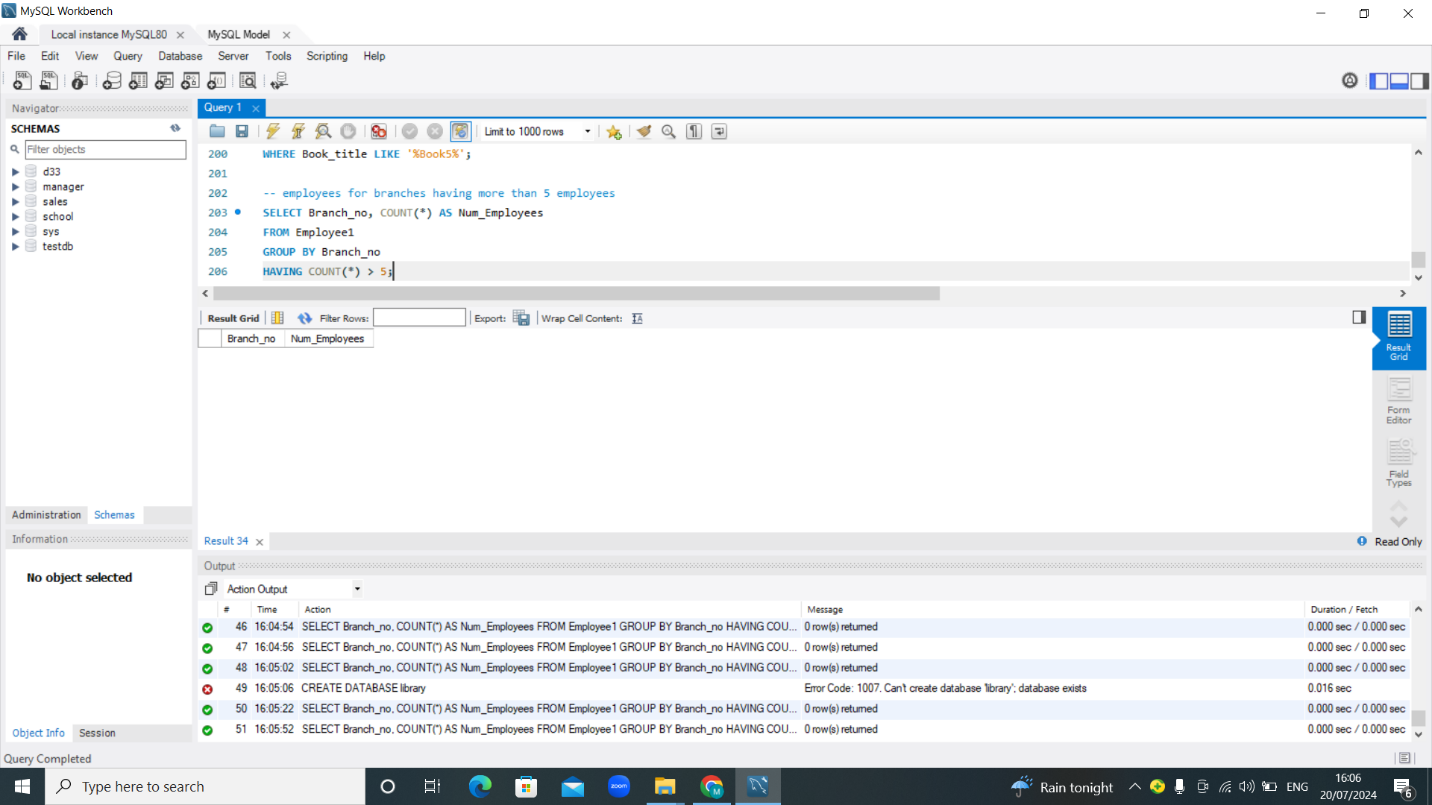
**8. Display the names of customers who have issued books in the month of June 2023.**



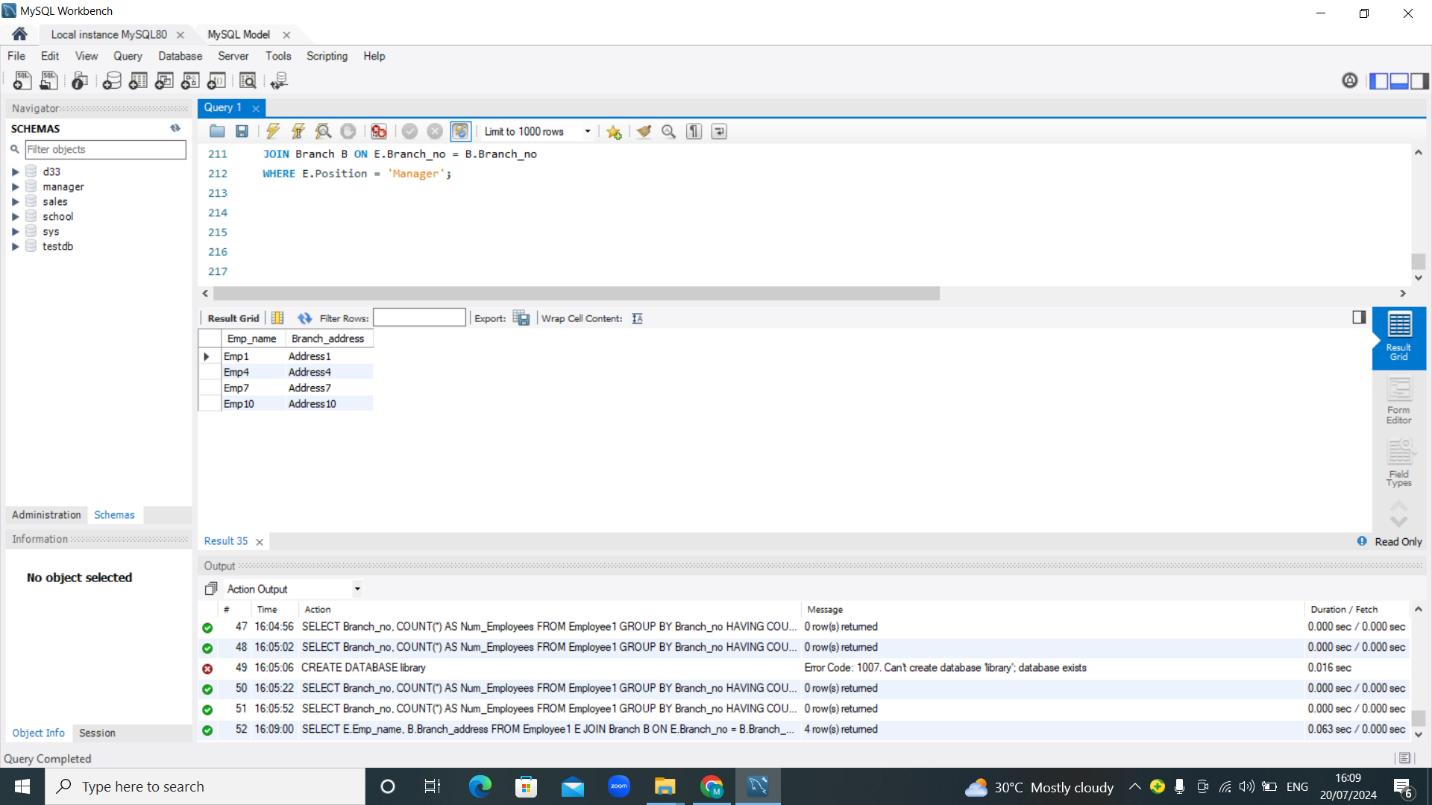
**9. Retrieve book\_title from book table containing history.**



**10.Retrieve the branch numbers along with the count of employees for branches having more than 5 employees.**



**11. Retrieve the names of employees who manage branches and their respective branch addresses.**



**12.  Display the names of customers who have issued books with a rental price higher than Rs. 25.**

