Library management system

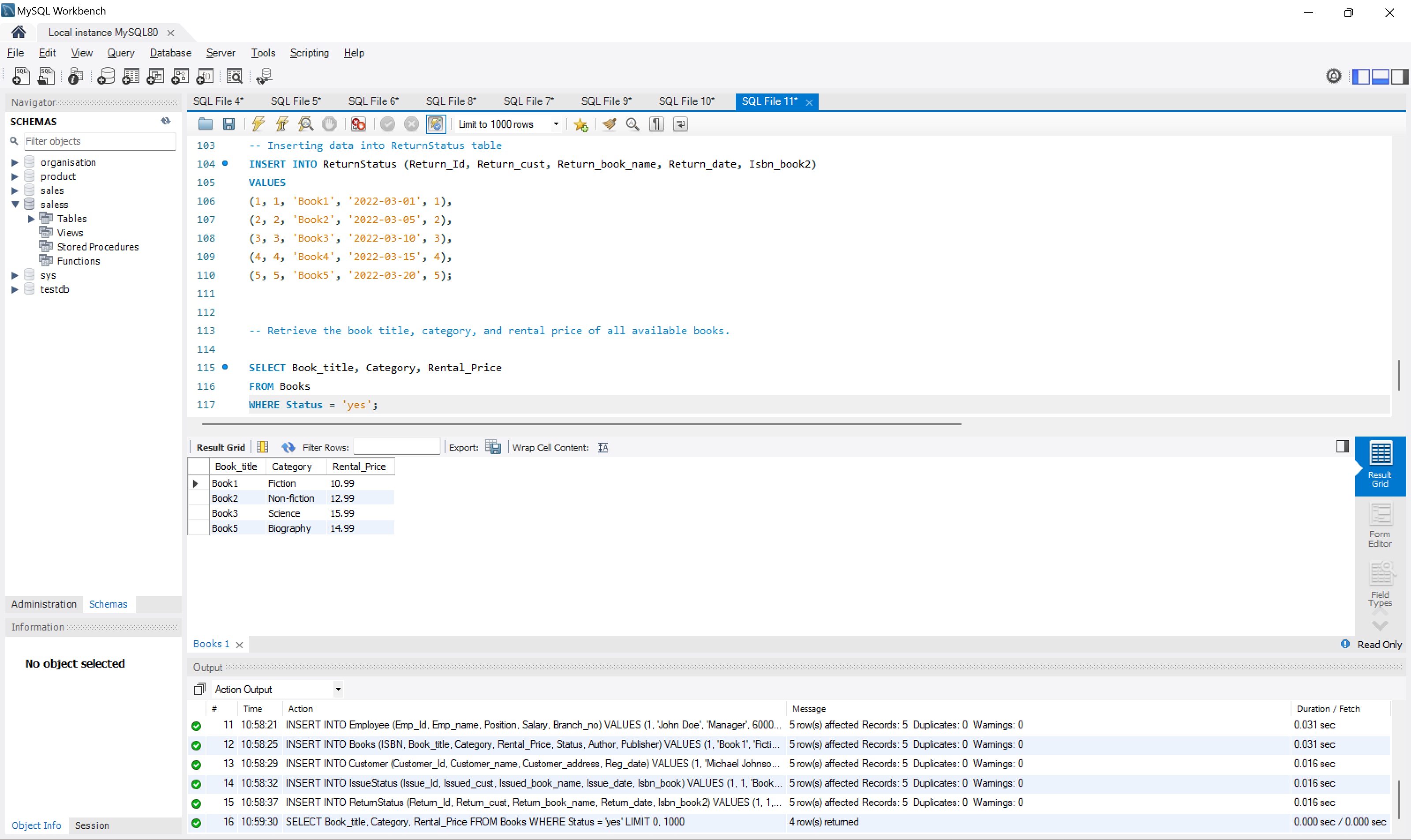
**Display all the tables and Write the queries for the following :**

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

SELECT Book\_title, Category, Rental\_Price

FROM Books

WHERE Status = 'yes';

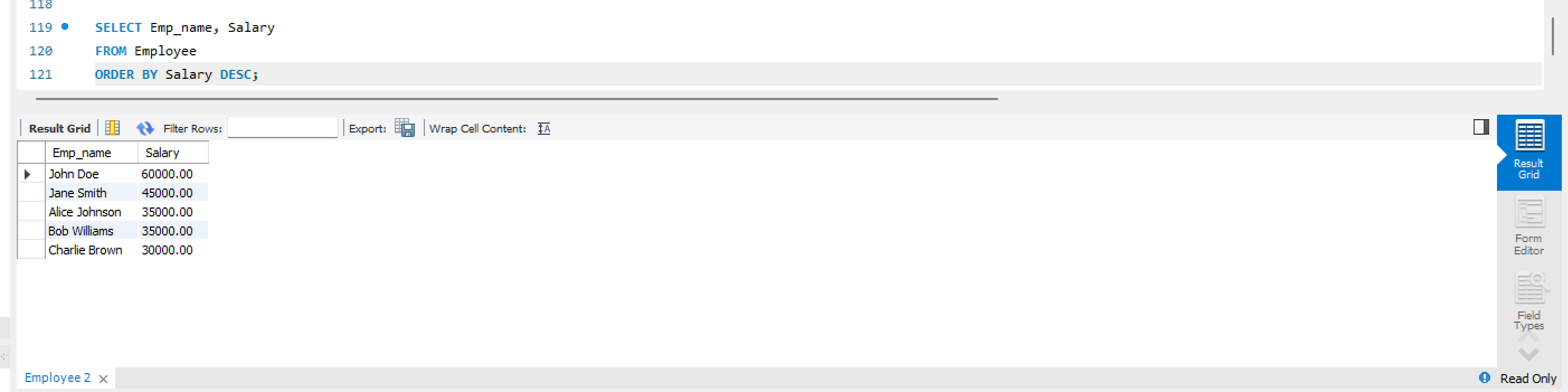


1. **List the employee names and their respective salaries in descending order of salary.**

**SELECT Emp\_name, Salary**

**FROM Employee**

**ORDER BY Salary DESC;**

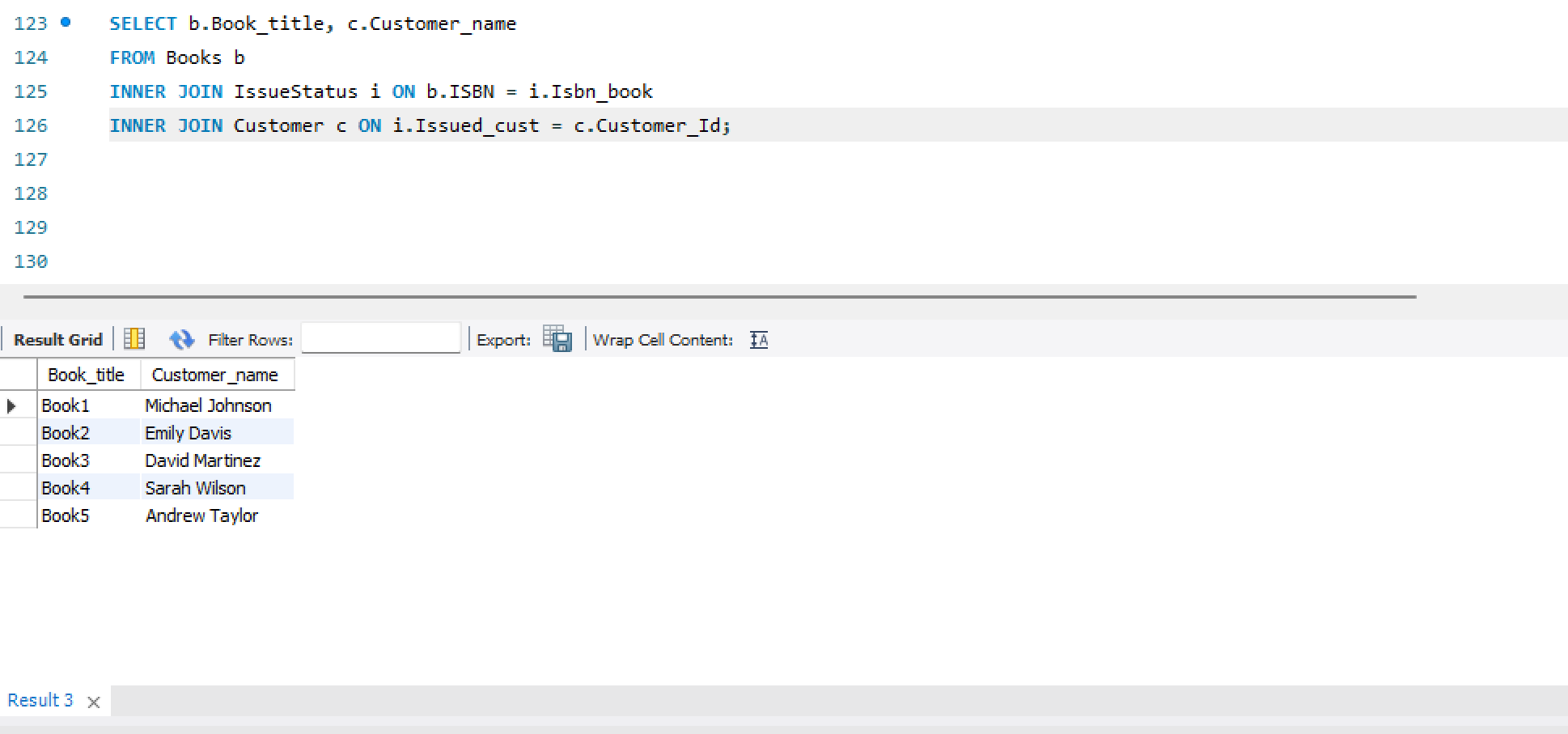
  
**3. Retrieve the book titles and the corresponding customers who have issued those books.**

SELECT b.Book\_title, c.Customer\_name

FROM Books b

INNER JOIN IssueStatus i ON b.ISBN = i.Isbn\_book

INNER JOIN Customer c ON i.Issued\_cust = c.Customer\_Id;

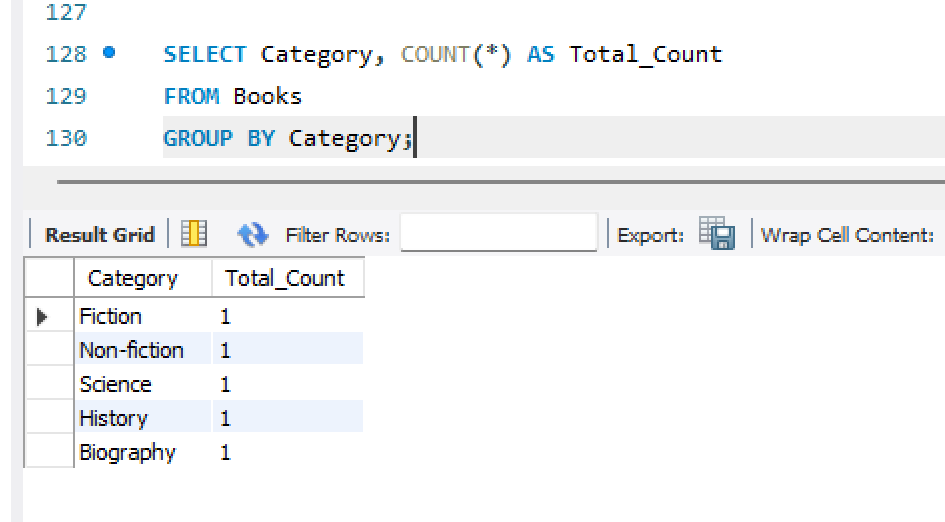


**4. Display the total count of books in each category.**

**SELECT Category, COUNT(\*) AS Total\_Count**

**FROM Books**

**GROUP BY Category;**

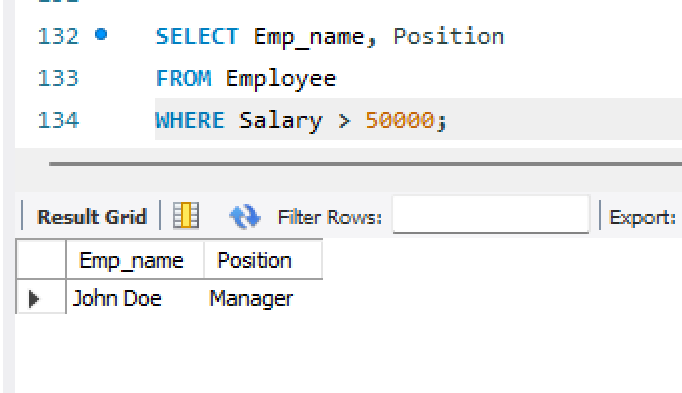
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**5. Retrieve the employee names and their positions for the employees whose salaries are above Rs.50,000.**

**SELECT Emp\_name, Position**

**FROM Employee**

**WHERE Salary > 50000;**

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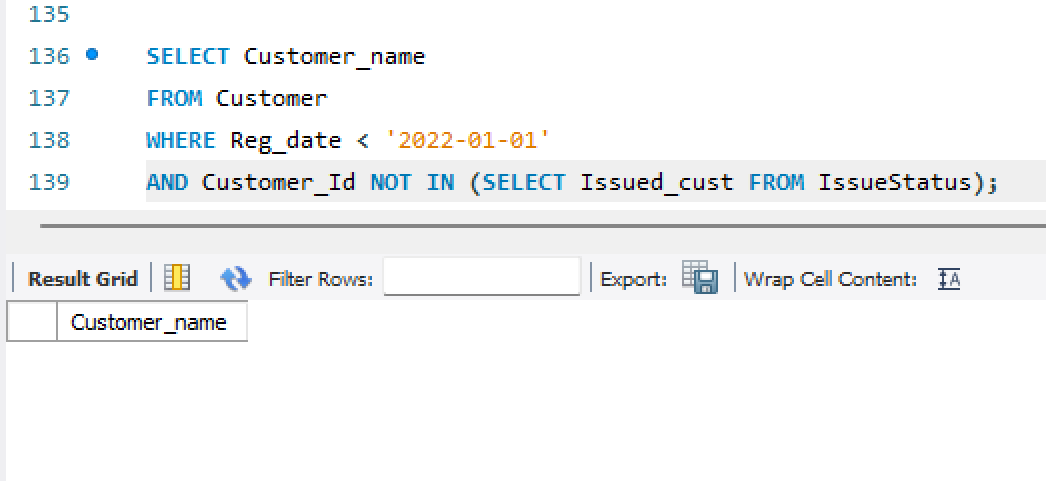
**6. List the customer names who registered before 2022-01-01 and have not issued any books yet.**

**SELECT Customer\_name**

**FROM Customer**

**WHERE Reg\_date < '2022-01-01'**

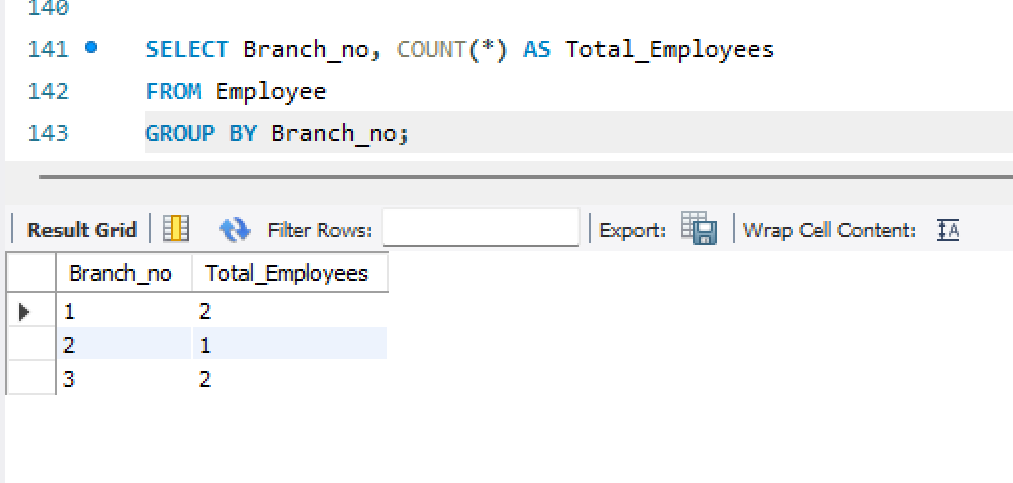
**AND Customer\_Id NOT IN (SELECT Issued\_cust FROM IssueStatus);**

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

SELECT Branch\_no, COUNT(\*) AS Total\_Employees

FROM Employee

GROUP BY Branch\_no;

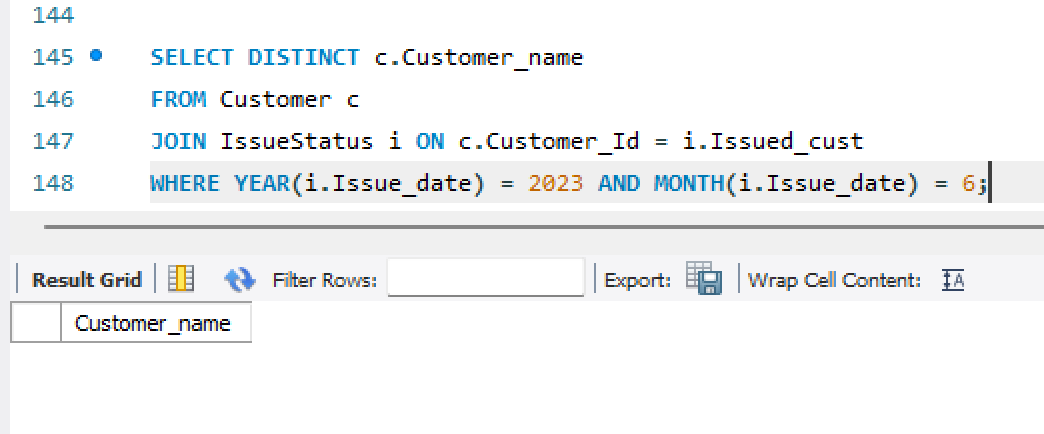
  
**8. Display the names of customers who have issued books in the month of June 2023.**

**SELECT DISTINCT c.Customer\_name**

**FROM Customer c**

**JOIN IssueStatus i ON c.Customer\_Id = i.Issued\_cust**

**WHERE YEAR(i.Issue\_date) = 2023 AND MONTH(i.Issue\_date) = 6;**

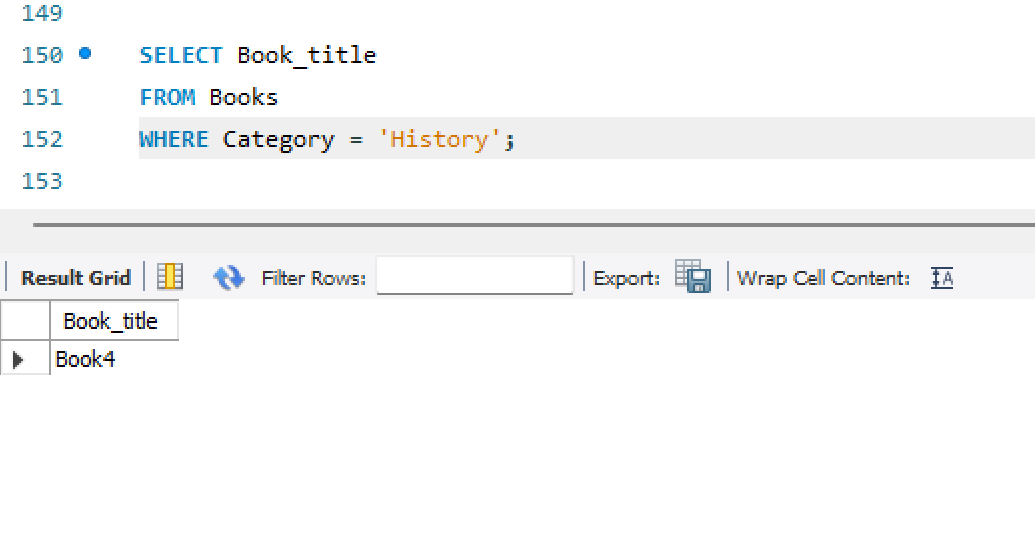
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**9. Retrieve book\_title from book table containing history.**

SELECT Book\_title

FROM Books

WHERE Category = 'History';



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

SELECT Branch\_no, COUNT(\*) AS Total\_Employees

FROM Employee

GROUP BY Branch\_no

HAVING COUNT(\*) > 5;

