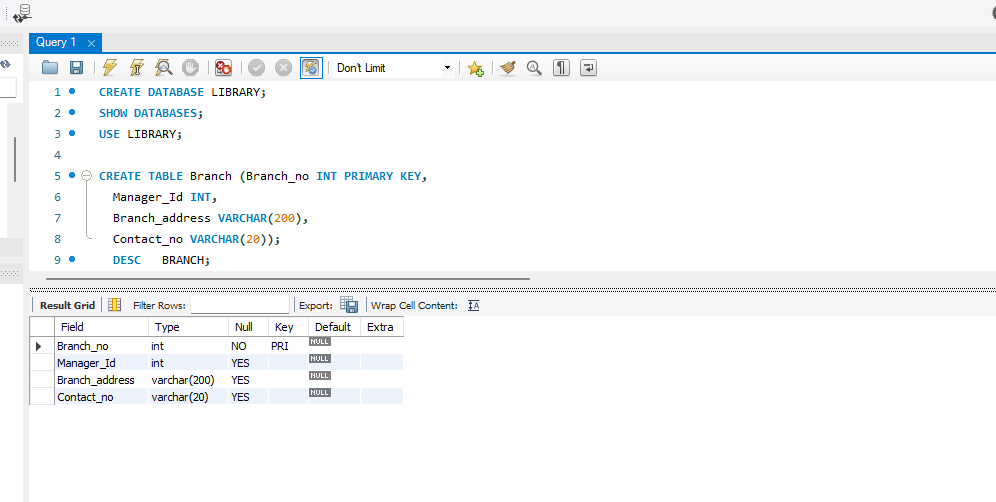
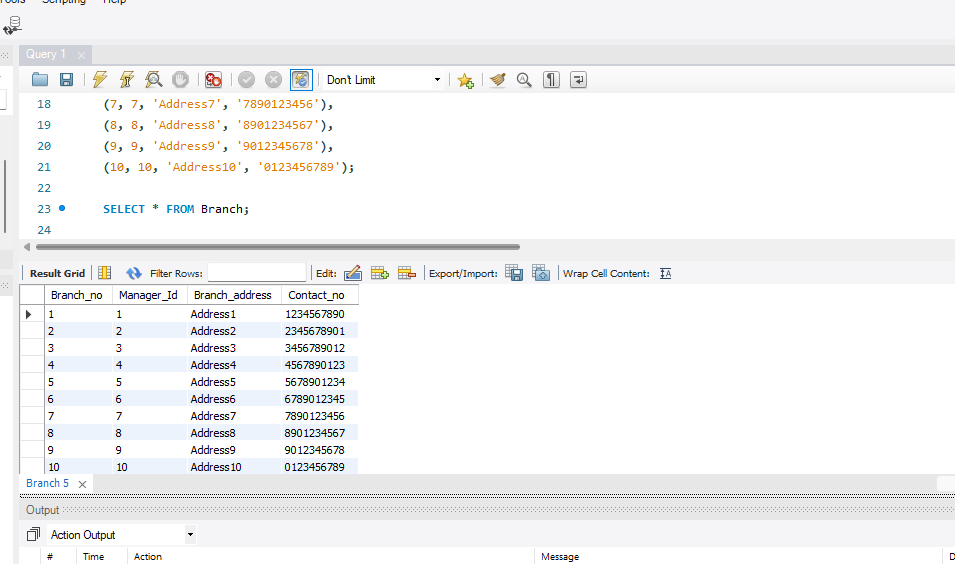
Module 2: Library Management System

**1. Branch**

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





**2. Employee**

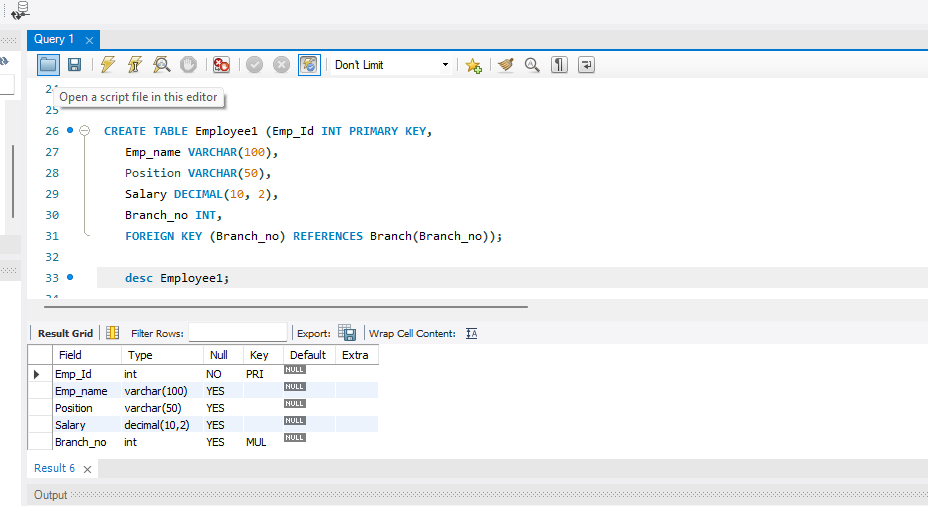
**Emp\_Id – Set as PRIMARY KEY**

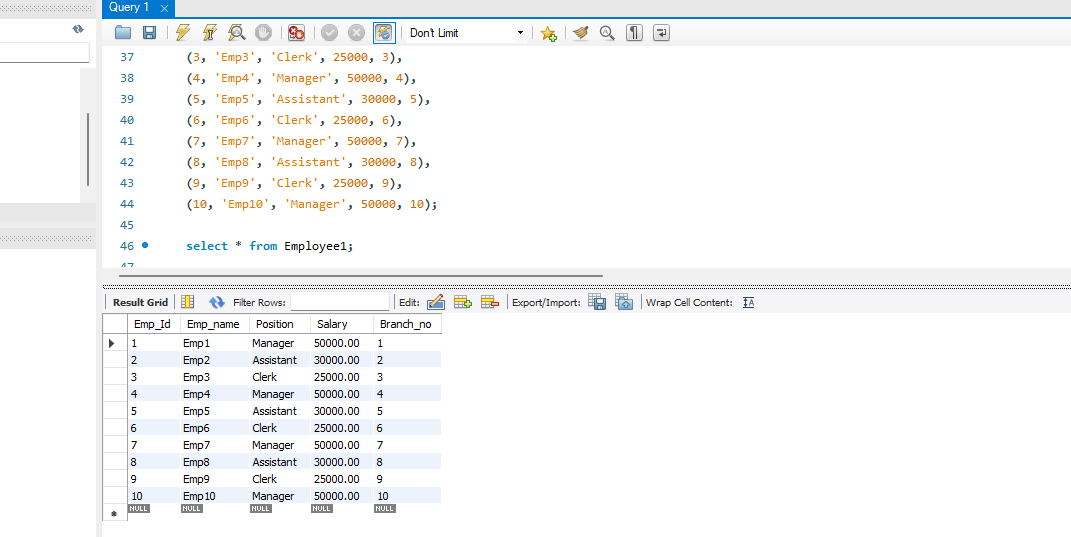
**Emp\_name**

**Position**

**Salary**

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



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**3. Books**

**ISBN - Set as PRIMARY KEY**

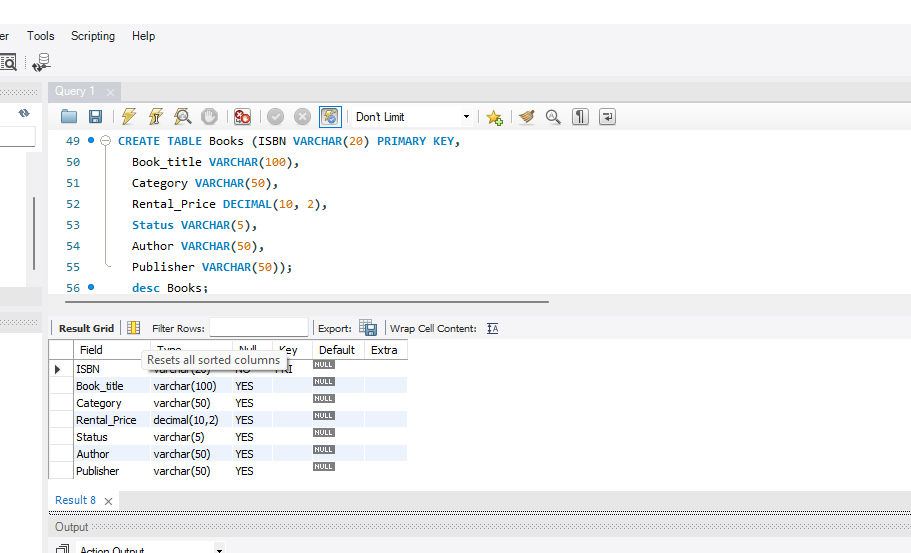
**Book\_title**

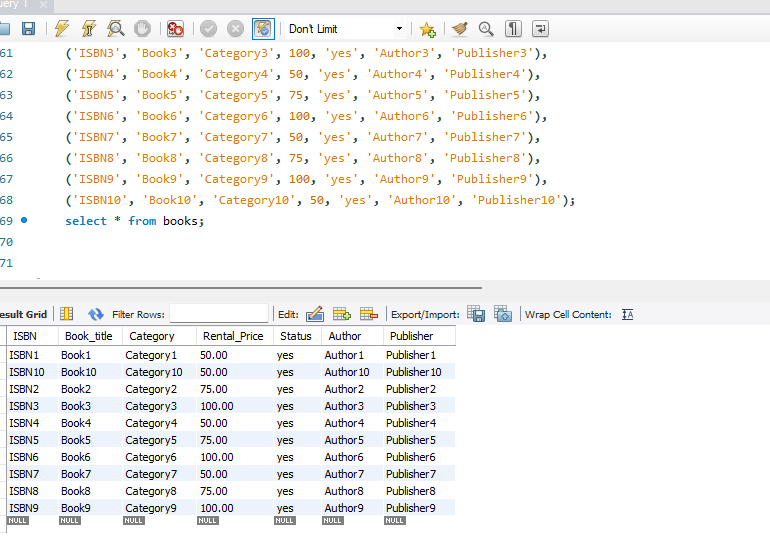
**Category**

**Rental\_Price**

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

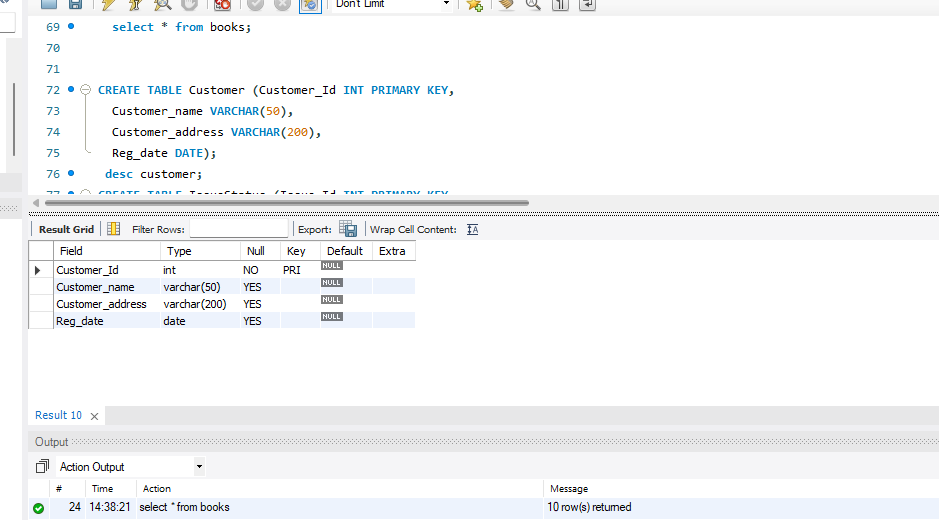
* **Author**
* **Publisher**

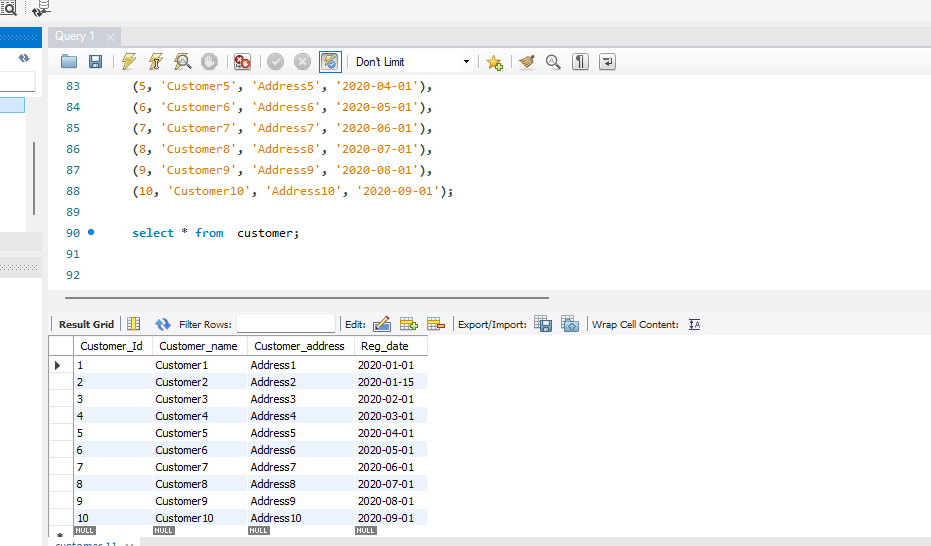




**4. Customer**

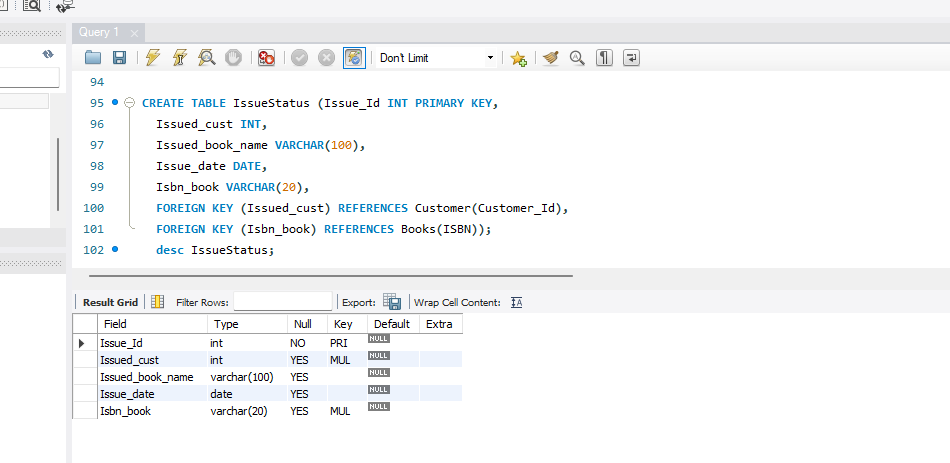
* **Customer\_Id - Set as PRIMARY KEY**
* **Customer\_name**
* **Customer\_address**
* **Reg\_date**

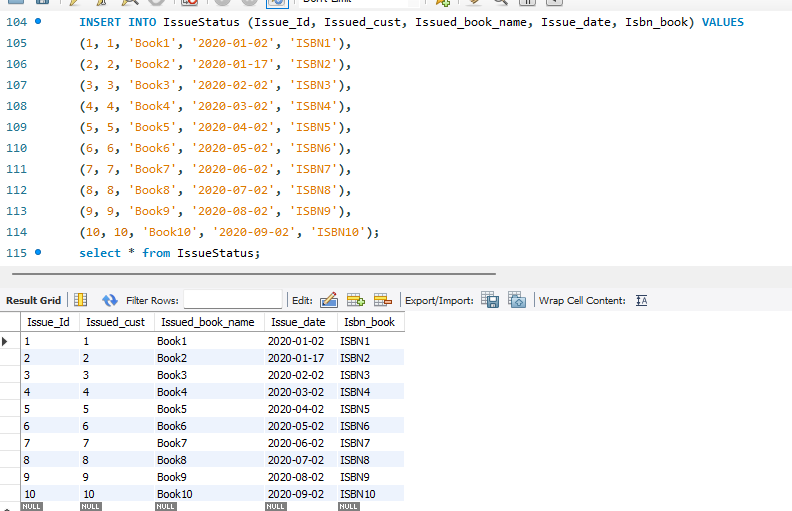




5**. IssueStatus**

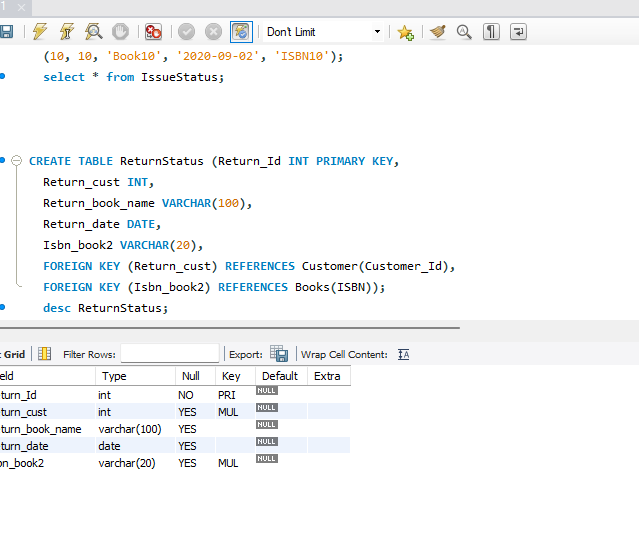
* **Issue\_Id - Set as PRIMARY KEY**
* **Issued\_cust – Set as FOREIGN KEY and it refer customer\_id in CUSTOMER table  Issued\_book\_name**
* **Issue\_date**
* **Isbn\_book – Set as FOREIGN KEY and it should refer isbn in BOOKS table**

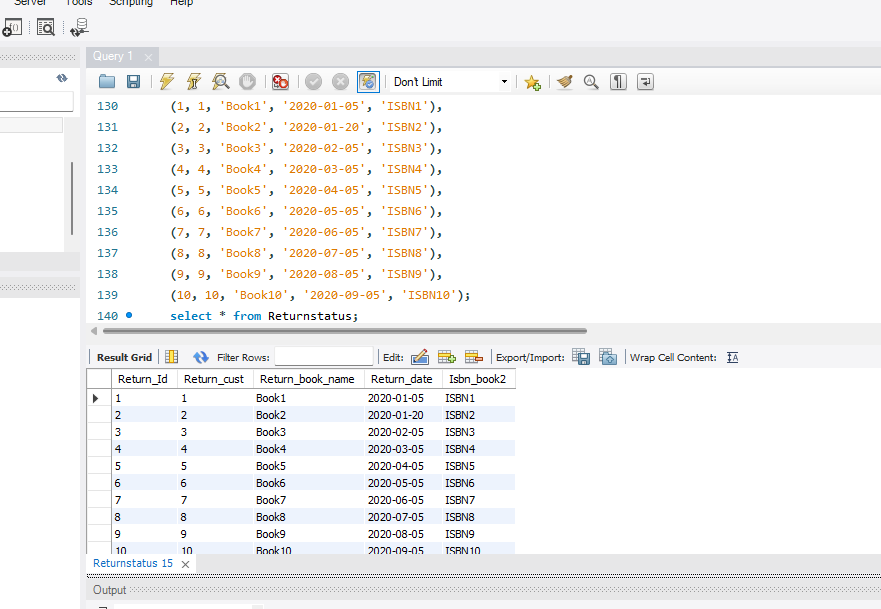




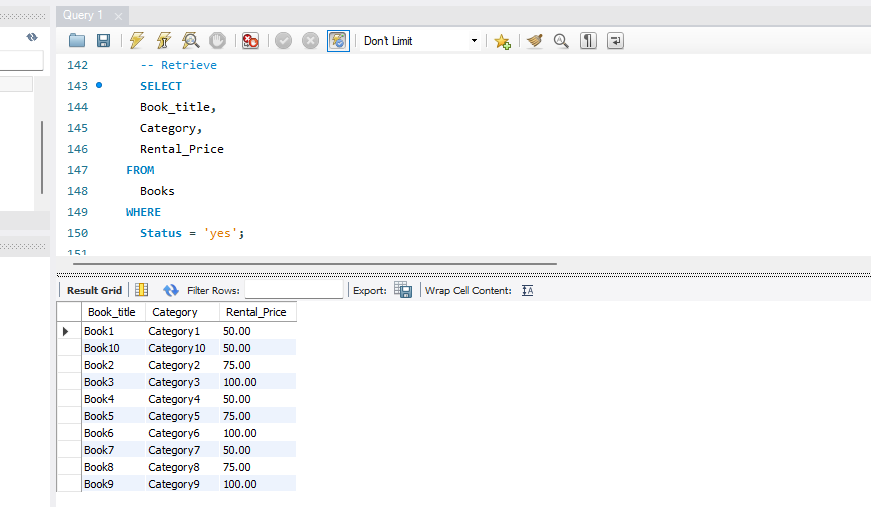
**6. ReturnStatus**

* **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**

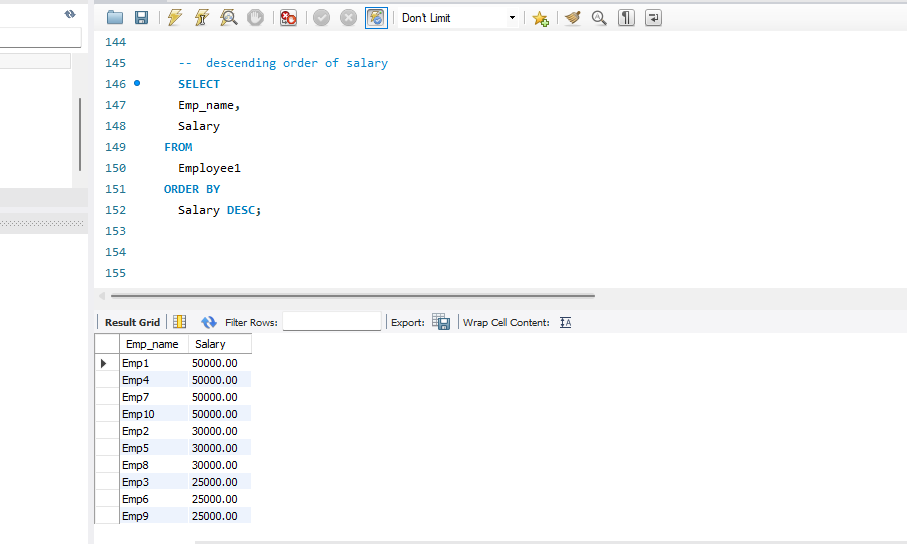




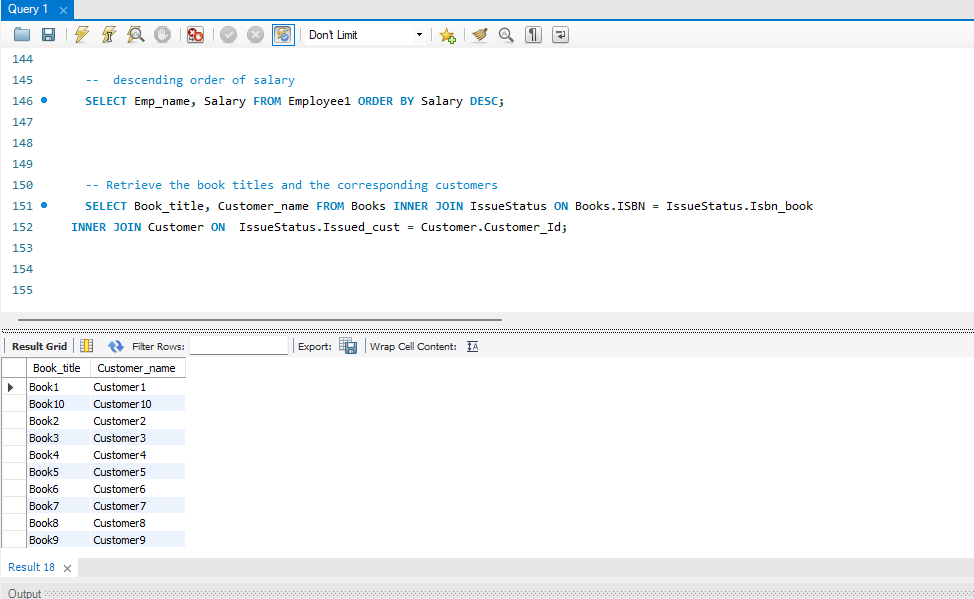
**Display all the tables and Write the queries for the following :  
  
1. Retrieve the book title, category, and rental price of all available books.**

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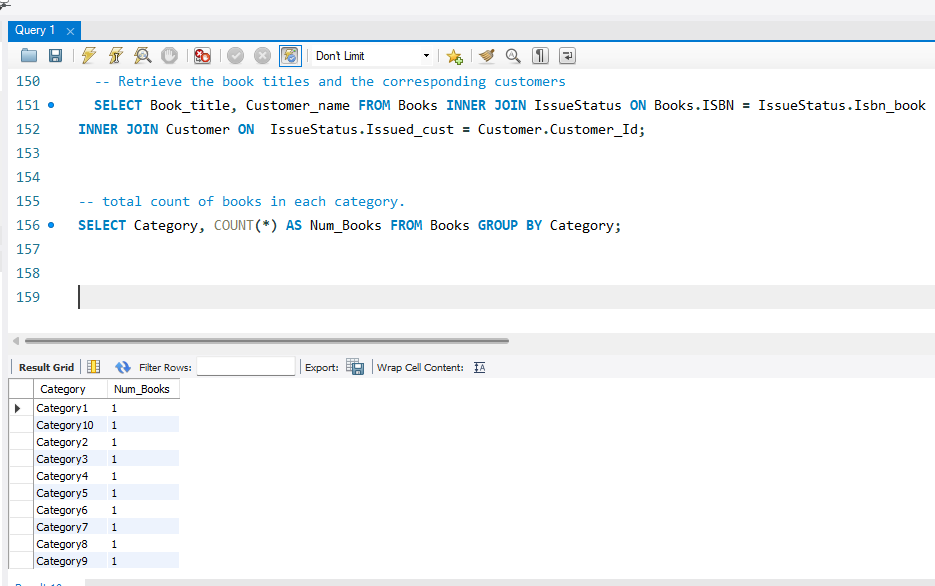
**2. List the employee names and their respective salaries in descending order of** salary.



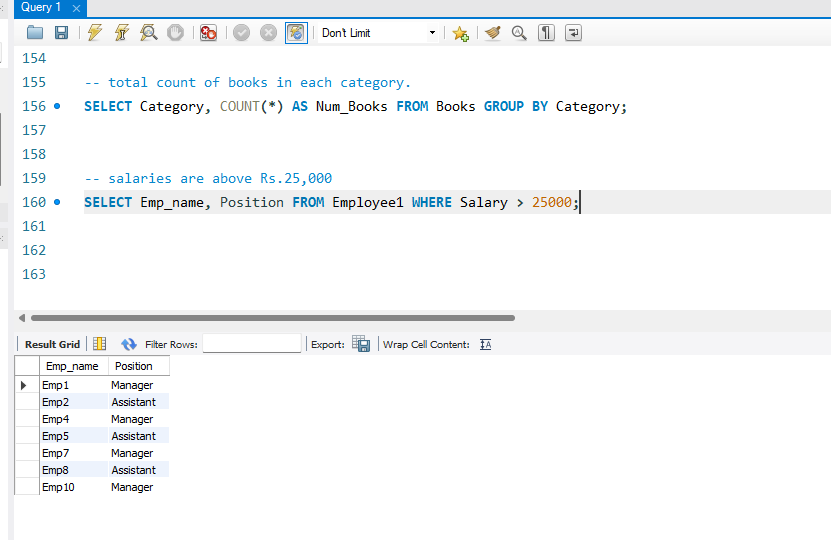
3**. Retrieve the book titles and the corresponding customers who have issued those books.**



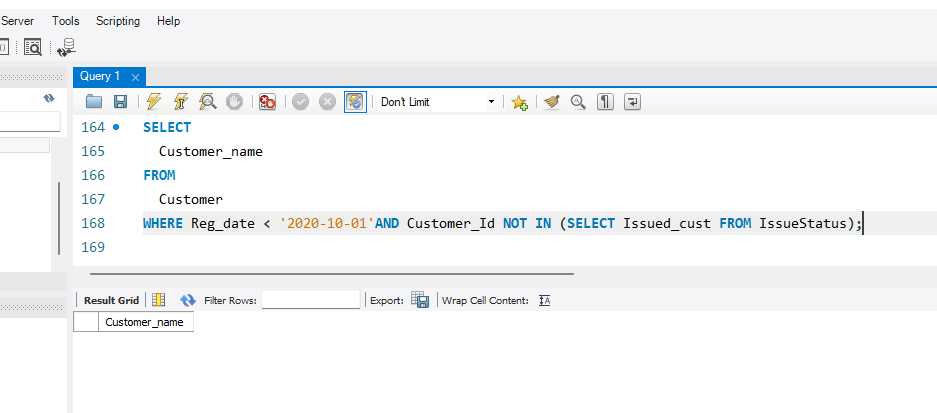
4**. Display the total count of books in each category.**



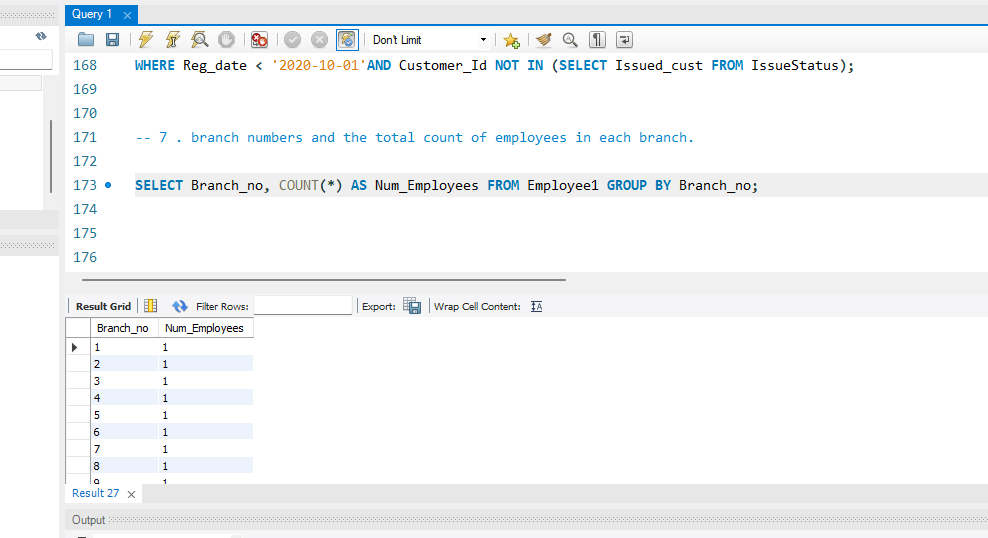
5**. Retrieve the employee names and their positions for the employees whose salaries are above Rs.25,000.**

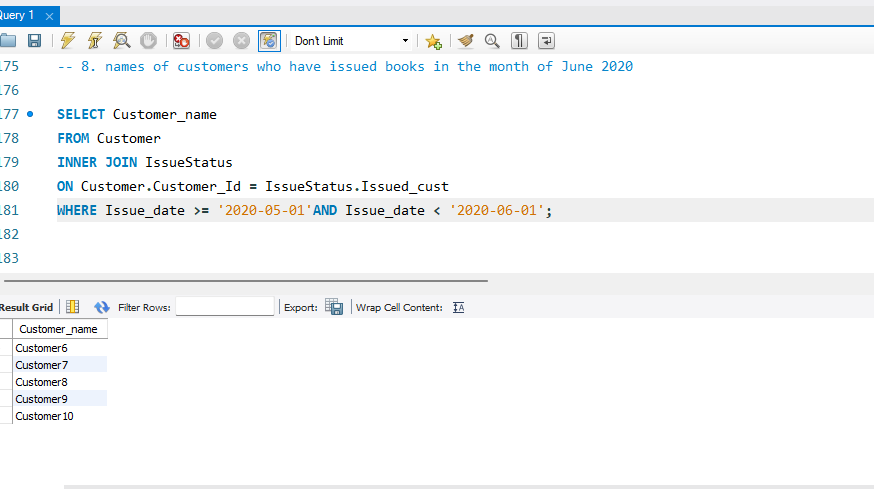


**6. List the customer names who registered before 2022-01-01 and have not issued any books yet.**

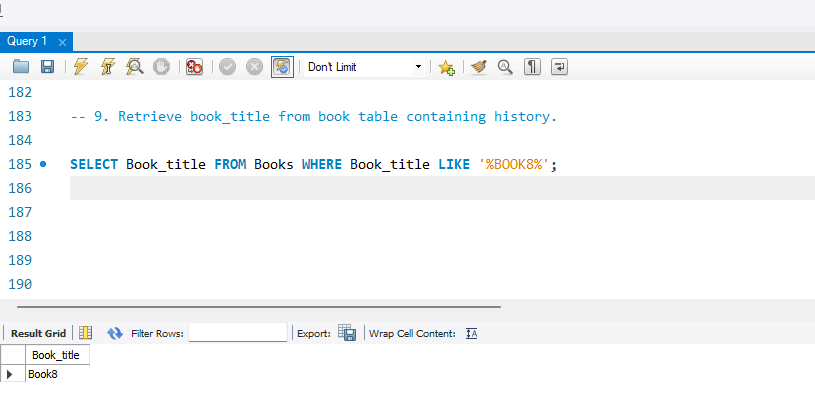
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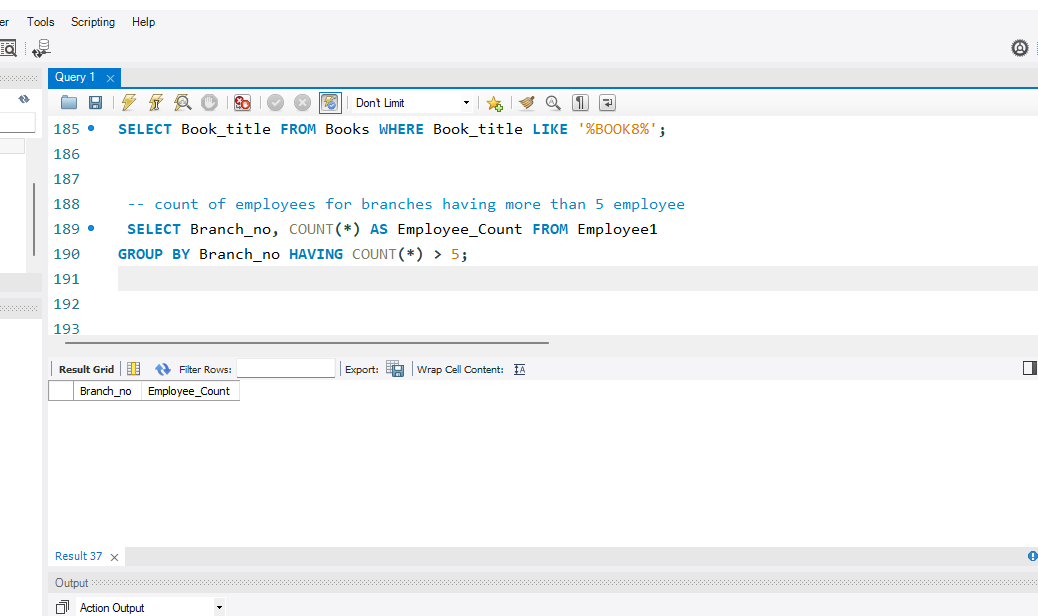
**7. Display the branch numbers and the total count of employees in each branch.**

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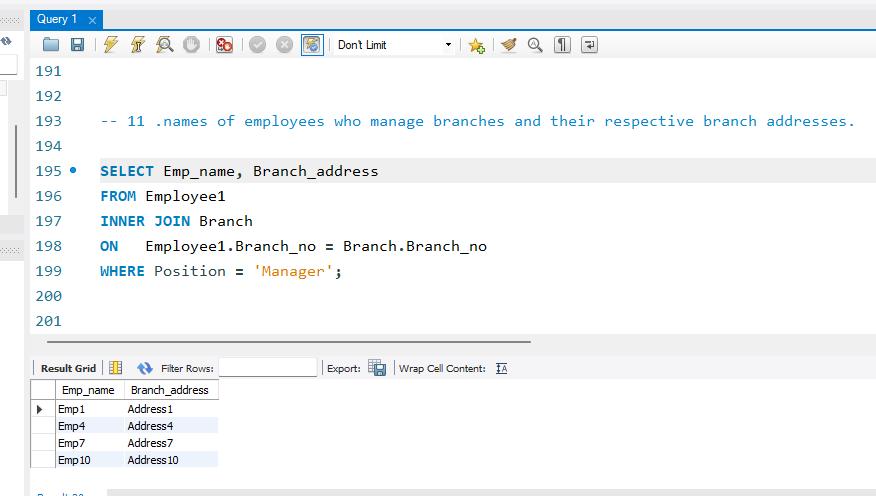
**8. Display the names of customers who have issued books in the month of June 2023.**

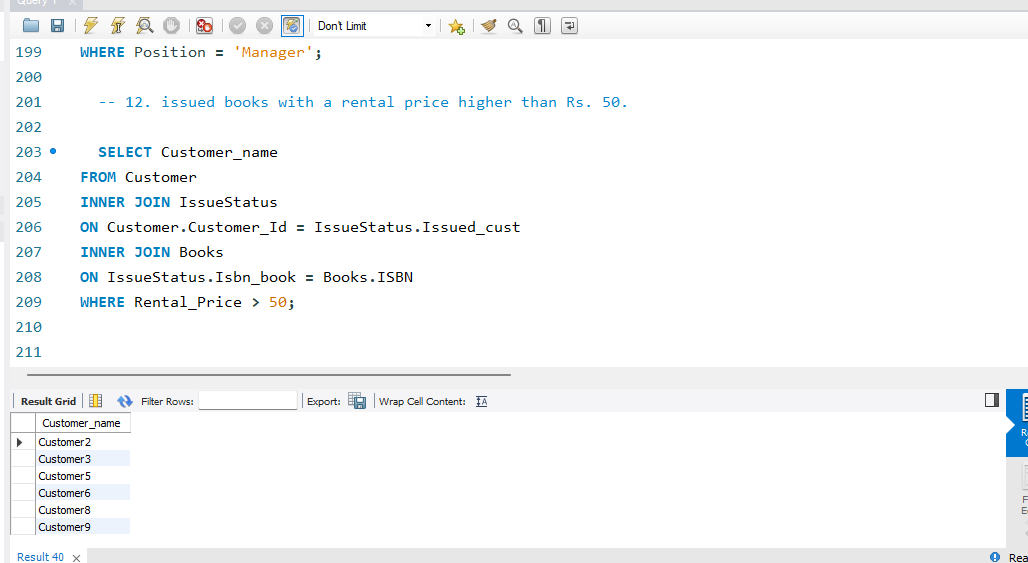
**9. Retrieve book\_title from book table containing history.**

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

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

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