Library Management System

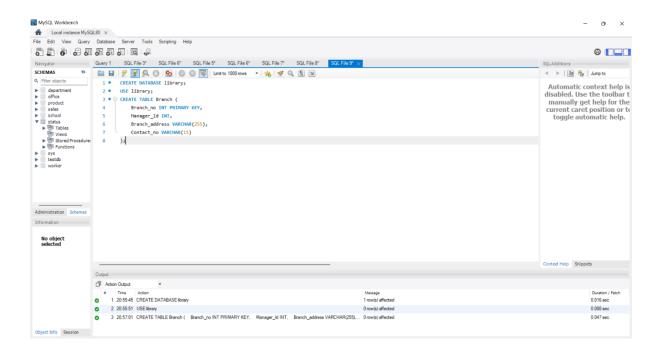
Create a database named library and following TABLES in the database:

- 1. Branch
- 2. Employee
- 3. Books
- 4. Customer
- 5. Issue Status
- 6. Return Status

*Attributes for the tables:

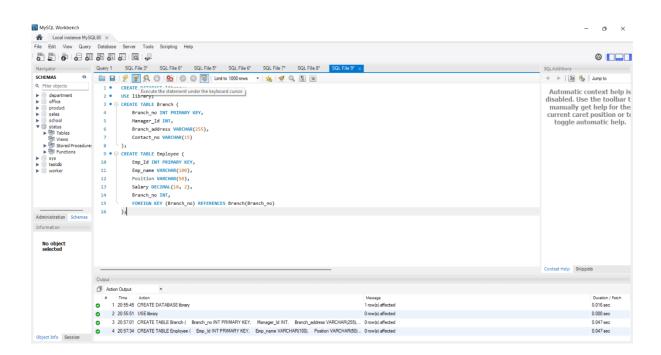
1. Branch

- Branch_ no
 - Set as PRIMARY KEY
 - Manager_ Id
 - Branch address
 - Contact_ no



2. Employee

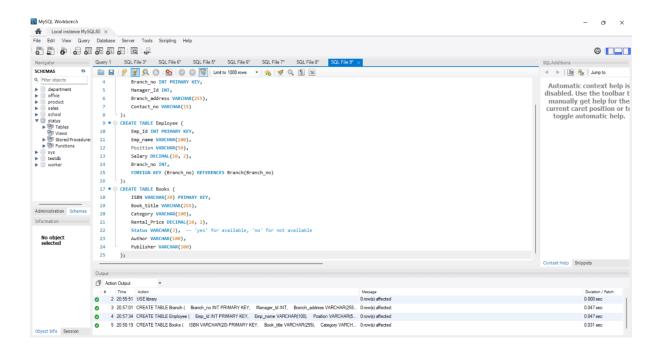
- Emp_ Id Set as PRIMARY KEY
- Emp_ name
- Position
- Salary
- Branch_ no
 - Set as FOREIGN KEY and it refer Branch no in Branch table



3. Books

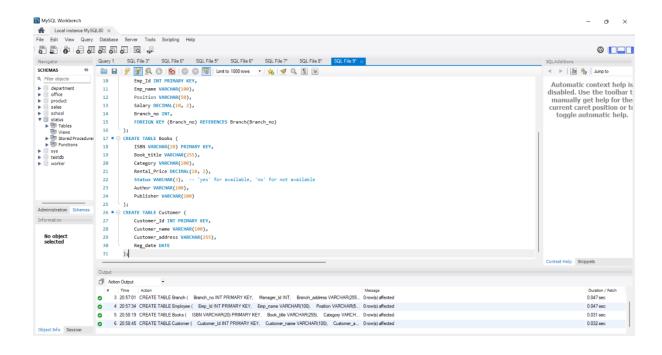
• ISBN

- Set as PRIMARY KEY
 - Book_title
 - Category
 - Rental_ Price
 - Status [Give yes if book available and no if book not available]
 - Author
 - Publisher



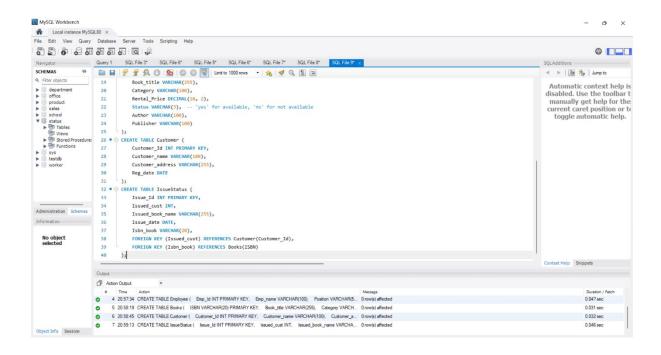
4. Customer

- Customer_ Id
 - Set as PRIMARY KEY
 - Customer_ name
 - Customer_ address
 - Reg_ date



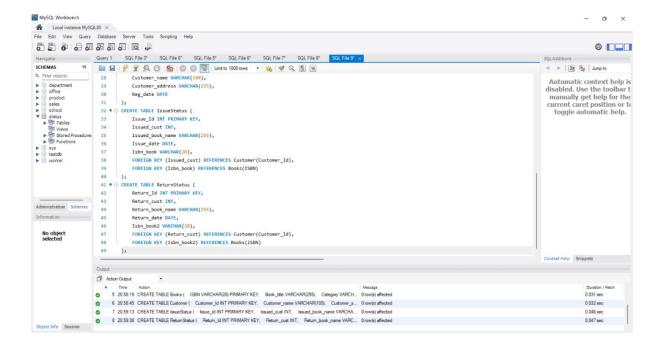
5. Issue Status

- 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



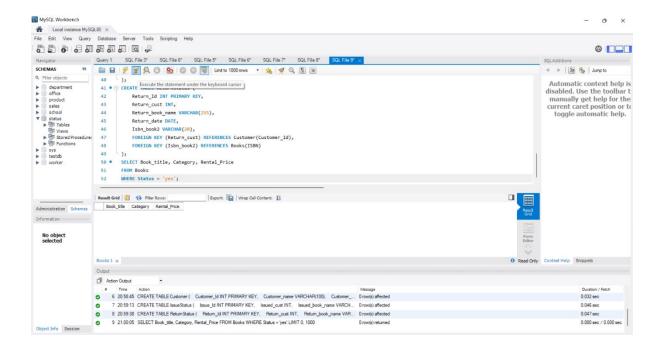
6. Return Status

- 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

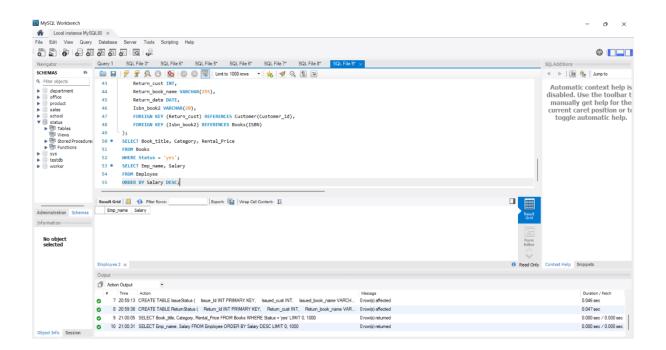


Display all the tables and write the queries for the following:

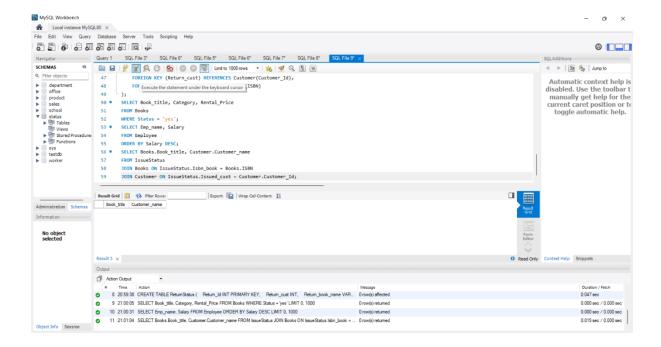
1. Retrieve the book title, category, and rental price of all available books.



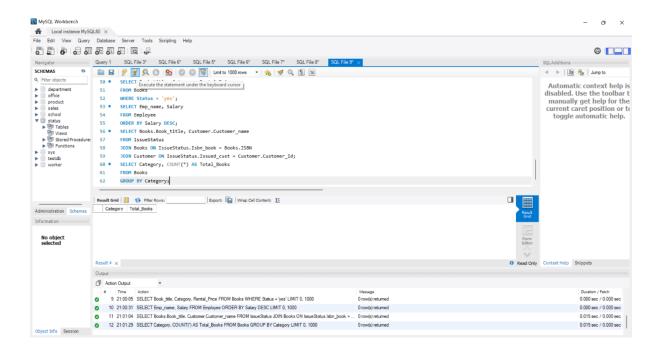
2. List the employee names and their respective salaries in descending order of salary.



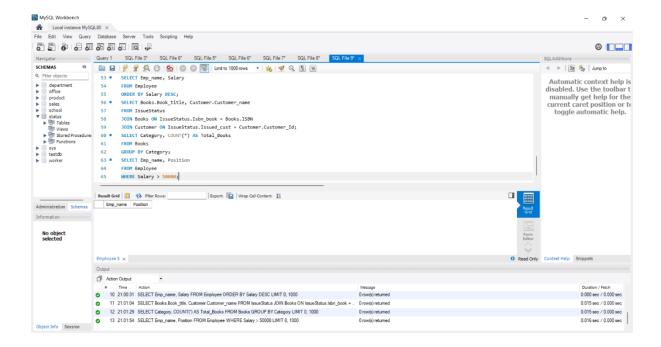
3. Retrieve the book titles and the corresponding customers who have issued those books.



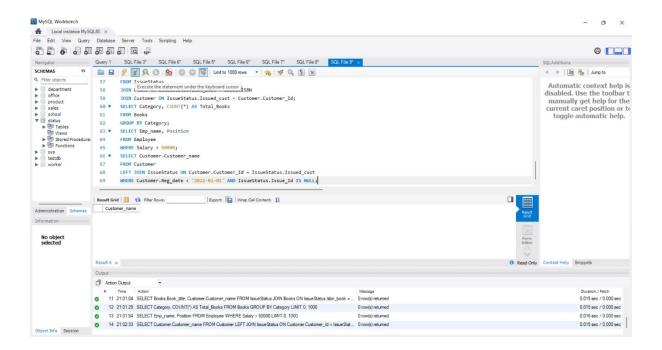
4. Display the total count of books in each category.



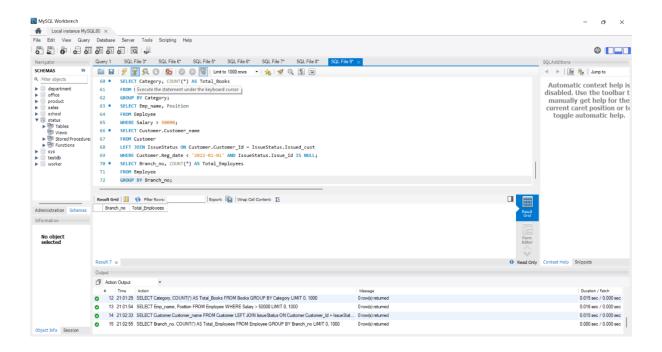
5. Retrieve the employee names and their positions for the employees whose salaries are above Rs.50,000.



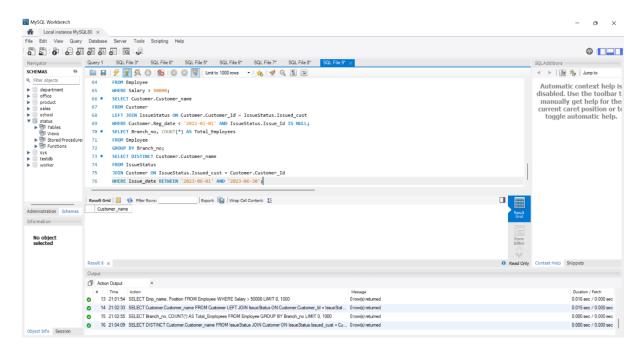
6. List the customer names who registered before 2022-01-01 and have not issued any books yet.



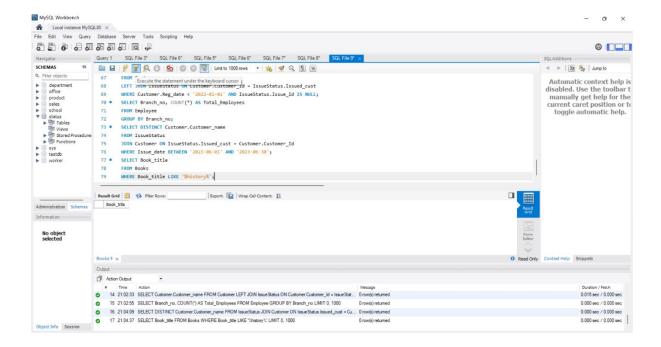
7. Display the branch numbers and the total count of employees in each branch.



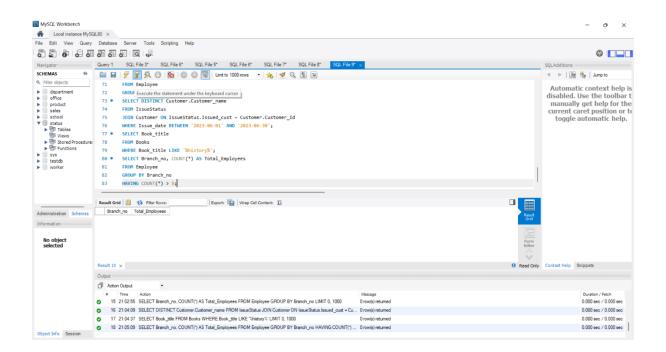
8. Display the names of customers who have issued books in the month of June 2023.



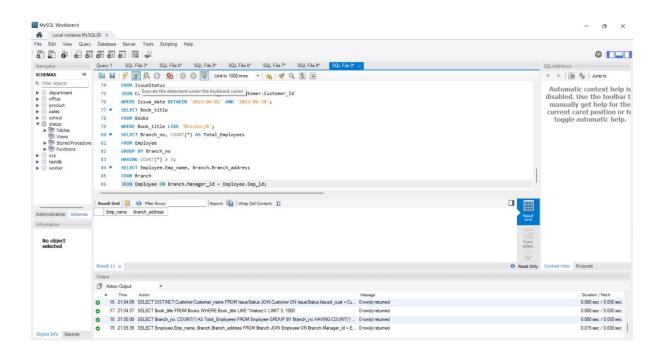
9. Retrieve book_ title from book table containing history.



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.

