Output of the code

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

- 1. Branch
- 2. Employee
- 3. Books
- 4. Customer
- 5. IssueStatus
- 5. ReturnStatus

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. 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:

Displaying all the tables:

```
-- Display all the tables

172 • select * from branch;

173 • select * from employee;

174 • select * from books;

175 • select * from customer;

176 • select * from issuestatus;

177 • select * from returnstatus;
```

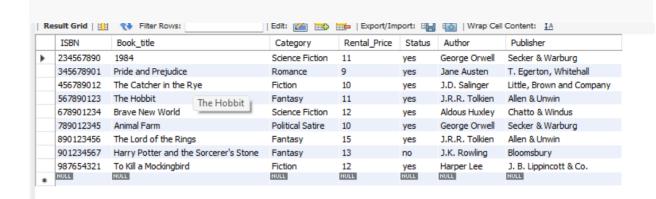
Table-Branch

	Branch_no	Manager_Id	Branch_address	Contact_no
•	1	123	ABC	98765678
	2	124	DEF	97876544
	3	125	GHI	95674567
	4	126	JKL	94567899
	5	127	MNO	93456789
	NULL	NULL	NULL	NULL

Table-Employee



Table- Books



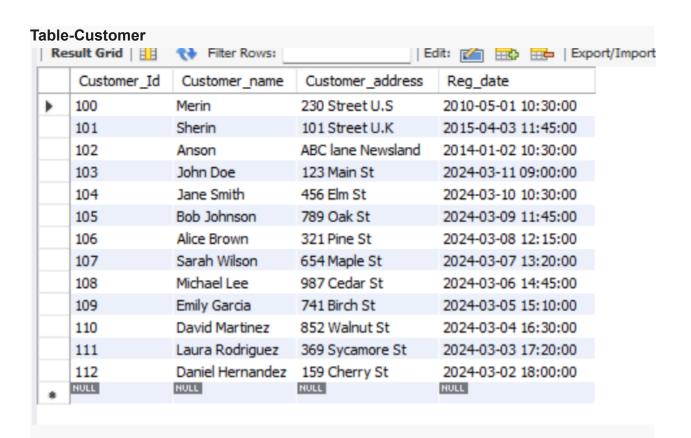
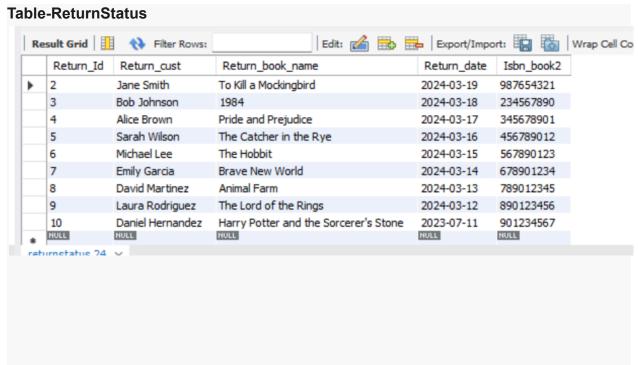
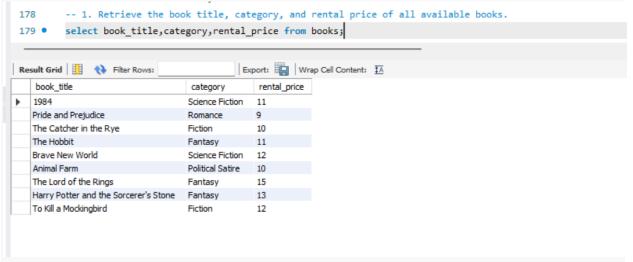


Table - IssueStatus

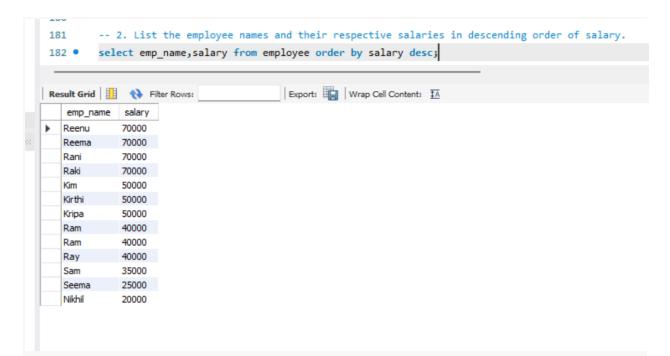
	Issue_Id	Issued_cust	Issued_book_name	Issue_date	Isbn_book	
•	2	104	To Kill a Mockingbird	2024-03-10	987654321	
	3	105	1984	2024-03-09	234567890	
	4	106	Pride and Prejudice	2024-03-08	345678901	
	5	107	The Catcher in the Rye	2024-03-07	456789012	
	6	108	The Hobbit	2024-03-06	567890123	
	7	109	Brave New World	2024-03-05	678901234	
	8	110	Animal Farm	2024-03-04	789012345	
	9	111	The Lord of the Rings	2024-03-03	890123456	
	10	112	Harry Potter and the Sorcerer's Stone	2023-06-02	901234567	
	NULL	NULL	NULL	NULL	NULL	



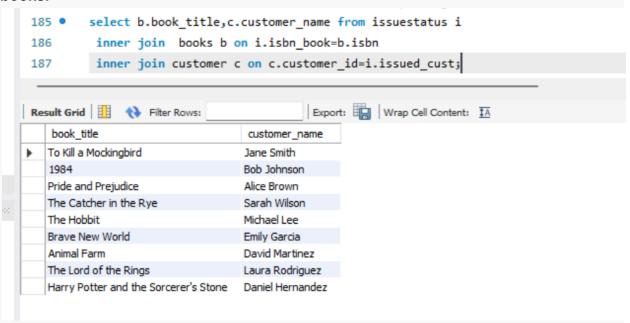
1. Retrieve the book title, category, and rental price of all available books.



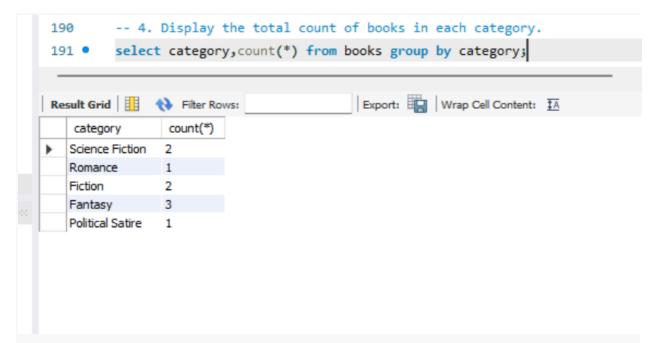
2. List the employee names and their respective salaries in descending order of salary.



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



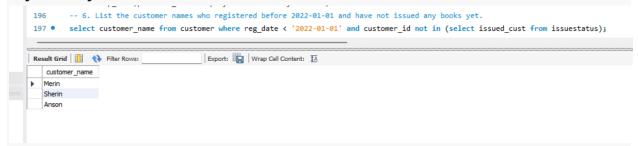
4. Display the total count of books in each category.



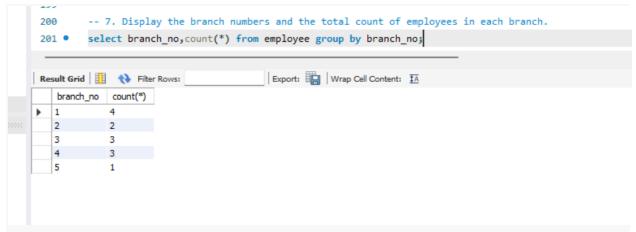
5. Retrieve the employee names and their positions for the employees whose salaries are above Rs.50,000.



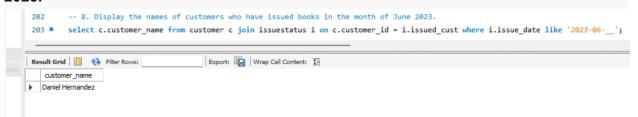
6. List the customer names who registered before 2022-01-01 and have not issued any books yet.



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

