library-management-system

You are going to build a project based on Library Management System. It keeps track of all information about books in the library, their cost, status and total number of books available in the library.

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

1. Branch

```
create database library;

use library;

-- branch table

CREATE TABLE Branch (

    Branch_no CHAR(5) PRIMARY KEY,

    Manager_Id INT NOT NULL,

    Branch_address VARCHAR(30),

    Contact_no BIGINT

);
```

2. Employee

```
CREATE TABLE employee (

    Emp_Id INT PRIMARY KEY,

    Emp_name VARCHAR(20),

    Position VARCHAR(20),

    Salary INT NOT NULL,

    Branch_no CHAR(5),

    FOREIGN KEY (Branch_no)

        REFERENCES Branch (Branch_no)

);
```

3. Books

```
CREATE TABLE Books (

    ISBN INT PRIMARY KEY,

    Book_title VARCHAR(650) NOT NULL,

    Category VARCHAR(200),

    Rental_Price INT NOT NULL,

    Status varchar(3),
```

```sql
    Author VARCHAR(250),
    Publisher VARCHAR(205)
);
```

4. Customer

```sql
CREATE TABLE Customer (
    Customer_id INT PRIMARY KEY,
    Customer_name VARCHAR(20),
    Customer_address VARCHAR(30),
    Reg_date DATETIME DEFAULT CURRENT_TIMESTAMP
);
```

5. IssueStatus

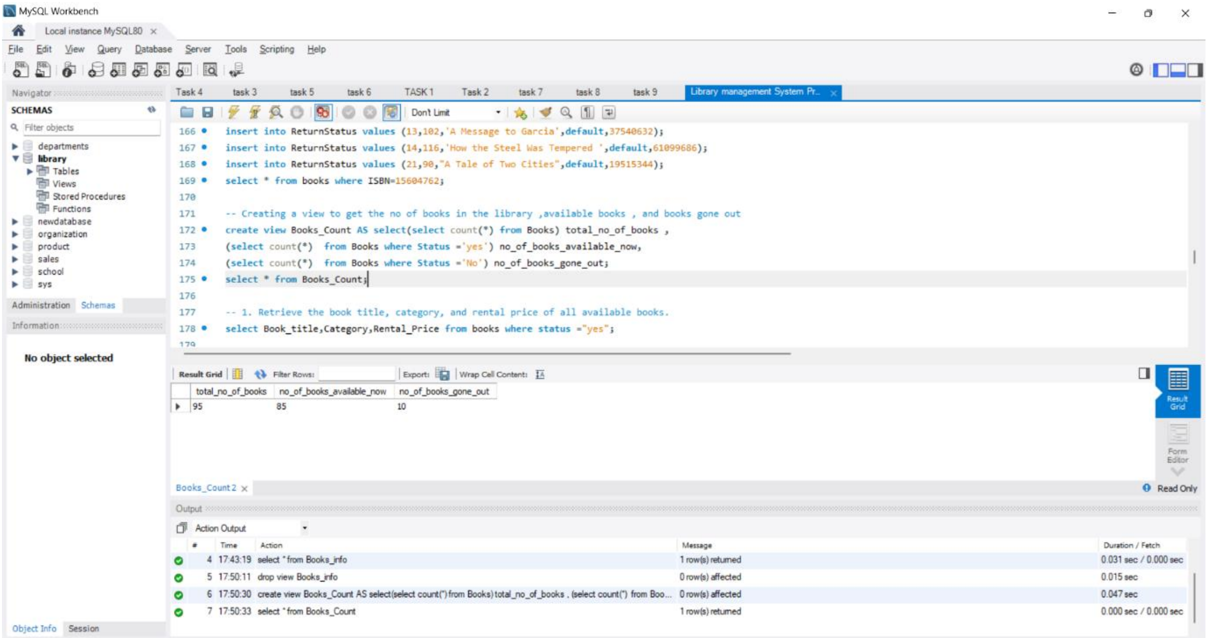
```sql
CREATE TABLE IssueStatus (
    Issue_Id INT PRIMARY KEY,
    Issued_cust INT,
    Issue_date DATETIME DEFAULT CURRENT_TIMESTAMP,
    Isbn_book INT,
    FOREIGN KEY (Issued_cust)
        REFERENCES Customer (Customer_id),
    FOREIGN KEY (Isbn_book)
        REFERENCES Books (ISBN)
);
```

6. ReturnStatus

```sql
CREATE TABLE ReturnStatus (
    Return_Id INT PRIMARY KEY,
    Return_cust INT,
    Return_book_name VARCHAR(150),
    Return_date DATETIME DEFAULT CURRENT_TIMESTAMP,
    Isbn_book2 INT,
    FOREIGN KEY (Isbn_book2)
        REFERENCES Books (ISBN),
            FOREIGN KEY (Return_cust)
        REFERENCES Customer (Customer_id)
);
```

Created Some triggers and Views

```
-- Creating a view to get the no of books in the library ,available books , and books gone out

create view Books_Count AS select(select count(*) from Books) total_no_of_books ,

(select count(*)  from Books where Status ='yes') no_of_books_available_now,

(select count(*)  from Books where Status ='No') no_of_books_gone_out;
```



```
insert into ReturnStatus values (13,102,'A Message to Garcia',default,37540632);
insert into ReturnStatus values (14,116,'How the Steel Was Tempered ',default,61099686);
insert into ReturnStatus values (21,90,"A Tale of Two Cities",default,19515344);
select * from books where ISBN=15604762;

-- Creating a view to get the no of books in the library ,available books , and books gone out
create view Books_Count AS select(select count(*) from Books) total_no_of_books ,
(select count(*)  from Books where Status ='yes') no_of_books_available_now,
(select count(*)  from Books where Status ='No') no_of_books_gone_out;
select * from Books_Count;

-- 1. Retrieve the book title, category, and rental price of all available books.
select Book_title,Category,Rental_Price from books where status ="yes";
```

total_no_of_books	no_of_books_available_now	no_of_books_gone_out
95	85	10

#	Time	Action	Message	Duration / Fetch
4	17:43:19	select * from Books_info	1 row(s) returned	0.031 sec / 0.000 sec
5	17:50:11	drop view Books_info	0 row(s) affected	0.015 sec
6	17:50:30	create view Books_Count AS select(select count(*) from Books) total_no_of_books , (select count(*) from Boo...	0 row(s) affected	0.047 sec
7	17:50:33	select * from Books_Count	1 row(s) returned	0.000 sec / 0.000 sec

```
-- creating trriger before inserting the data into issuestatus to not select avoid entering book not available by checking the books table

delimiter $$

create trigger before_issue_book_to_customer before insert on IssueStatus for each row

begin  DECLARE book_status varchar(3);

   SELECT Status INTO book_status FROM Books WHERE ISBN = NEW.Isbn_book;

   IF book_status = "No" THEN

      SIGNAL SQLSTATE '45000'

      SET MESSAGE_TEXT = 'Cannot issue a book that is not available';

end if;

end$$

delimiter ;

-- creating trigger  after insertion for changing update the book status form the book table as not available after that book is issuesed to customer

delimiter $$

create trigger after_issue_book_to_customer after insert on IssueStatus for each row
```

begin UPDATE Books

SET Status = "no"

WHERE ISBN = NEW.Isbn_book;

end$$

delimiter ;

-- creating after triggers to change the book status from no to yes

delimiter $$

create trigger after_return_book_to_customer after insert on ReturnStatus for each row

begin UPDATE Books

SET Status = "Yes"

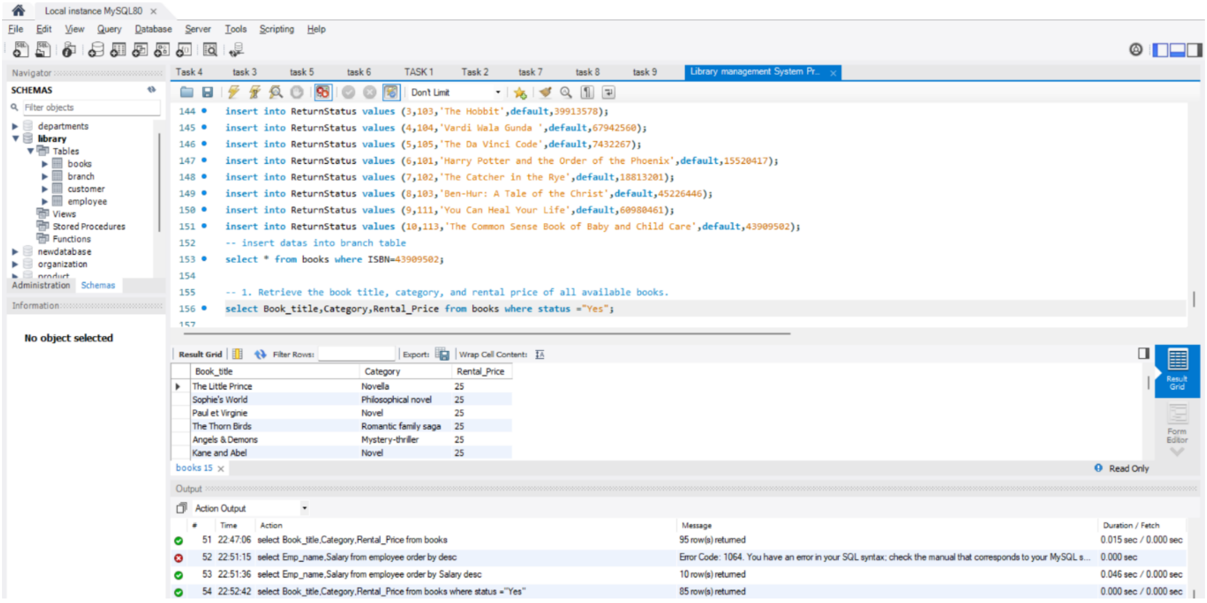
WHERE ISBN = NEW.Isbn_book2;

end$$

delimiter ;

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

select Book_title,Category,Rental_Price from books where status ="yes";



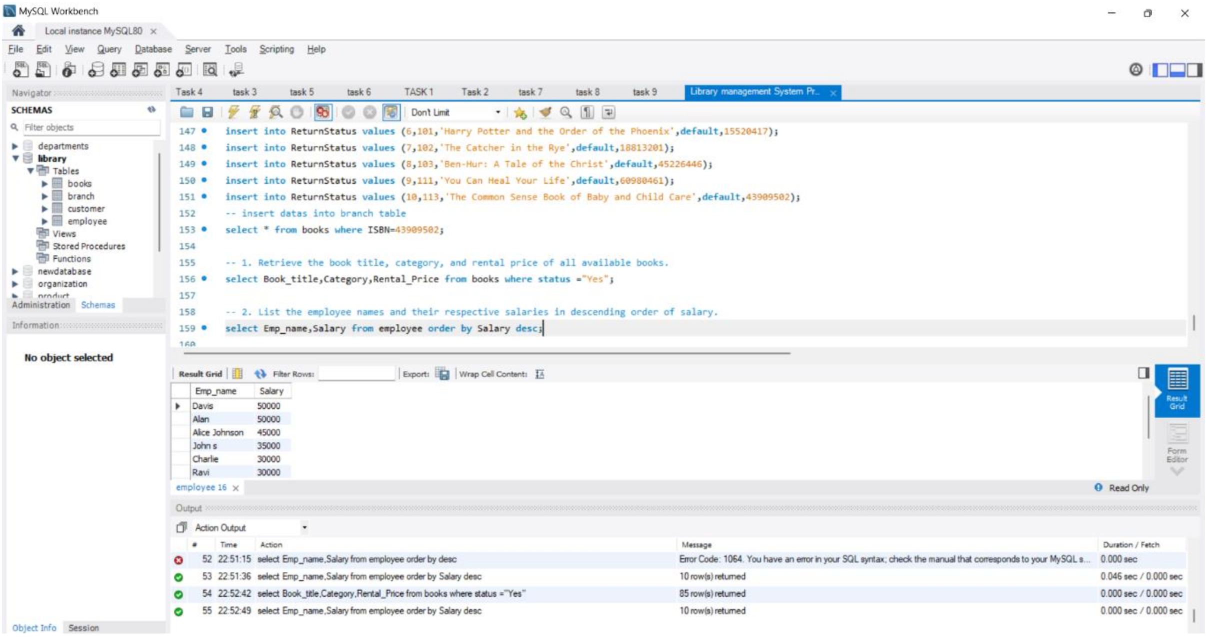
```
insert into ReturnStatus values (3,103,'The Hobbit',default,39913578);
insert into ReturnStatus values (4,104,'Vardi Wala Gunda ',default,67942560);
insert into ReturnStatus values (5,105,'The Da Vinci Code',default,7432267);
insert into ReturnStatus values (6,101,'Harry Potter and the Order of the Phoenix',default,15520417);
insert into ReturnStatus values (7,102,'The Catcher in the Rye',default,18813201);
insert into ReturnStatus values (8,103,'Ben-Hur: A Tale of the Christ',default,45226446);
insert into ReturnStatus values (9,111,'You Can Heal Your Life',default,60980461);
insert into ReturnStatus values (10,113,'The Common Sense Book of Baby and Child Care',default,43909502);
-- insert datas into branch table
select * from books where ISBN=43909502;

-- 1. Retrieve the book title, category, and rental price of all available books.
select Book_title,Category,Rental_Price from books where status ="Yes";
```

Book_title	Category	Rental_Price
The Little Prince	Novella	25
Sophie's World	Philosophical novel	25
Paul et Virginie	Novel	25
The Thorn Birds	Romantic family saga	25
Angels & Demons	Mystery-thriller	25
Kane and Abel	Novel	25

```
#   Time      Action                                                                      Message                                                                                Duration / Fetch
51  22:47:06  select Book_title,Category,Rental_Price from books                          95 row(s) returned                                                                     0.015 sec / 0.000 sec
52  22:51:15  select Emp_name,Salary from employee order by desc                          Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL s...   0.000 sec
53  22:51:36  select Emp_name,Salary from employee order by Salary desc                   10 row(s) returned                                                                     0.046 sec / 0.000 sec
54  22:52:42  select Book_title,Category,Rental_Price from books where status ="Yes"      85 row(s) returned                                                                     0.000 sec / 0.000 sec
```

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

select Emp_name,Salary from employee order by Salary desc;



```
insert into ReturnStatus values (6,101,'Harry Potter and the Order of the Phoenix',default,15520417);
insert into ReturnStatus values (7,102,'The Catcher in the Rye',default,18813201);
insert into ReturnStatus values (8,103,'Ben-Hur: A Tale of the Christ',default,45226446);
insert into ReturnStatus values (9,111,'You Can Heal Your Life',default,60980461);
insert into ReturnStatus values (10,113,'The Common Sense Book of Baby and Child Care',default,43909502);
-- insert datas into branch table
select * from books where ISBN=43909502;

-- 1. Retrieve the book title, category, and rental price of all available books.
select Book_title,Category,Rental_Price from books where status ="Yes";

-- 2. List the employee names and their respective salaries in descending order of salary.
select Emp_name,Salary from employee order by Salary desc;
```

Emp_name	Salary
Davis	50000
Alan	50000
Alice Johnson	45000
John s	35000
Charlie	30000
Ravi	30000

```
#   Time      Action                                                                  Message                                                                                      Duration / Fetch
52  22:51:15  select Emp_name,Salary from employee order by desc                          Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL s...  0.000 sec
53  22:51:36  select Emp_name,Salary from employee order by Salary desc                   10 row(s) returned                                                                           0.046 sec / 0.000 sec
54  22:52:42  select Book_title,Category,Rental_Price from books where status ="Yes"      85 row(s) returned                                                                           0.000 sec / 0.000 sec
55  22:52:49  select Emp_name,Salary from employee order by Salary desc                   10 row(s) returned                                                                           0.000 sec / 0.000 sec
```

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

SELECT

B.Book_title, I.Issued_cust, C.Customer_name

FROM

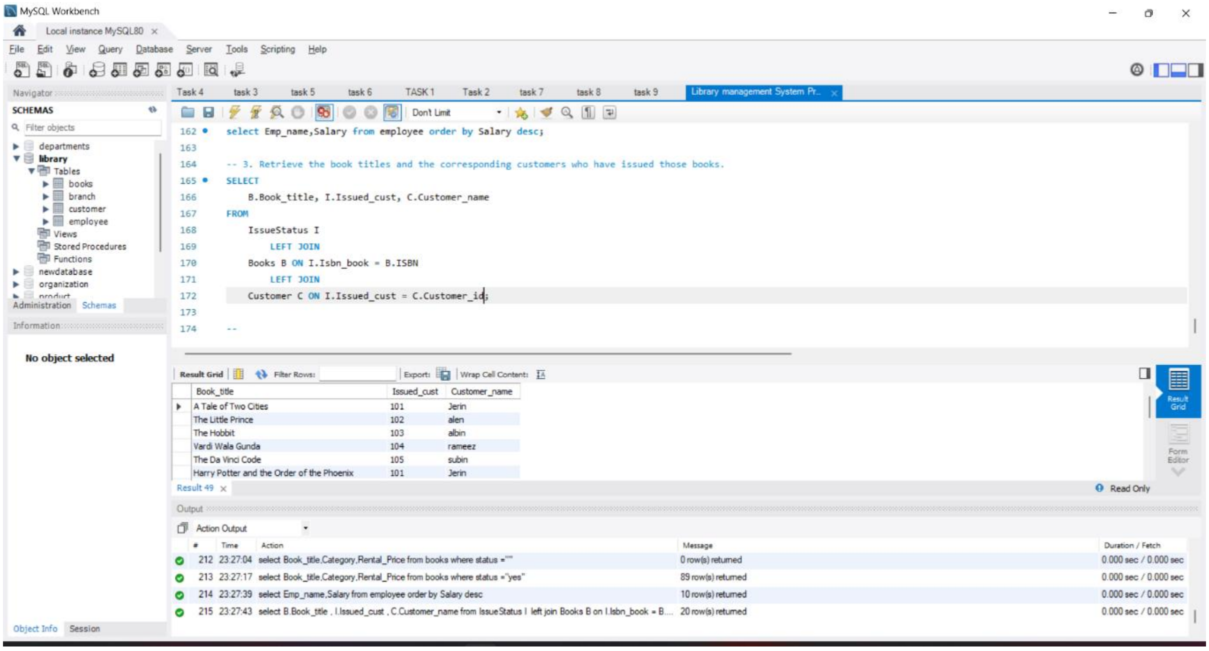
IssueStatus I

LEFT JOIN

Books B ON I.Isbn_book = B.ISBN

LEFT JOIN

Customer C ON I.Issued_cust = C.Customer_id;



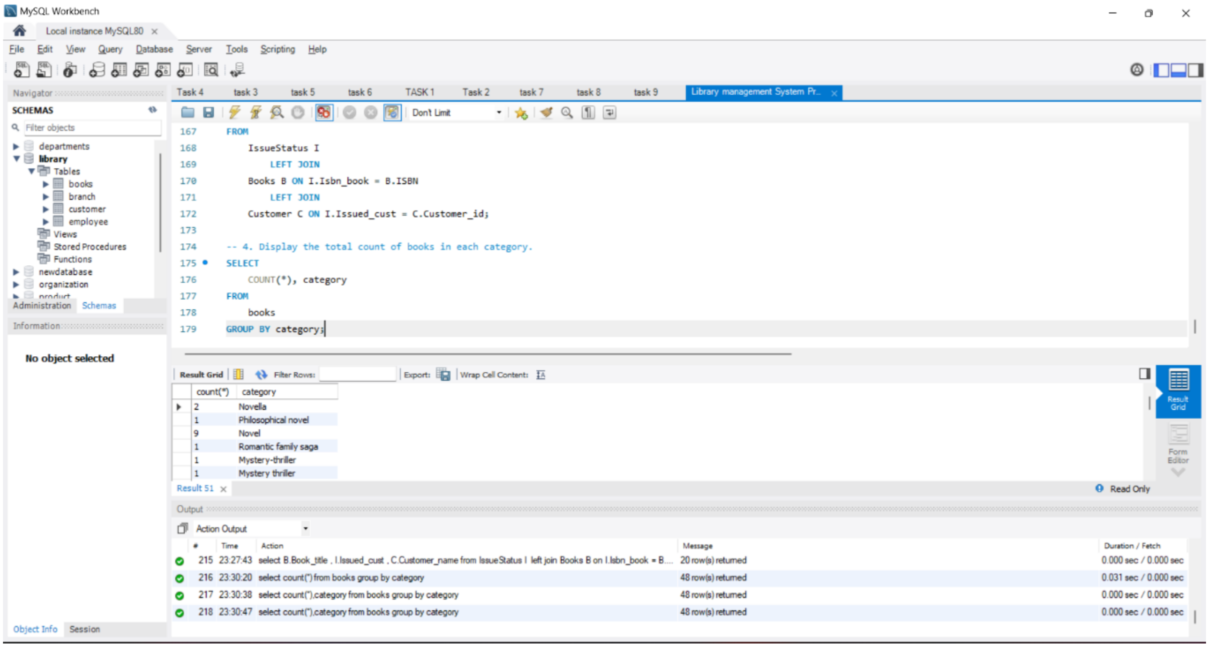
```
select Emp_name,Salary from employee order by Salary desc;

-- 3. Retrieve the book titles and the corresponding customers who have issued those books.
SELECT
    B.Book_title, I.Issued_cust, C.Customer_name
FROM
    IssueStatus I
        LEFT JOIN
    Books B ON I.Isbn_book = B.ISBN
        LEFT JOIN
    Customer C ON I.Issued_cust = C.Customer_id;

--
```

Book_title	Issued_cust	Customer_name
A Tale of Two Cities	101	Jerin
The Little Prince	102	alen
The Hobbit	103	albin
Vardi Wala Gunda	104	rameez
The Da Vinci Code	105	subin
Harry Potter and the Order of the Phoenix	101	Jerin

```
#    Time      Action                                                                                   Message              Duration / Fetch
212  23:27:04  select Book_title,Category,Rental_Price from books where status =""                      0 row(s) returned    0.000 sec / 0.000 sec
213  23:27:17  select Book_title,Category,Rental_Price from books where status ="yes"                   89 row(s) returned   0.000 sec / 0.000 sec
214  23:27:39  select Emp_name,Salary from employee order by Salary desc                                10 row(s) returned   0.000 sec / 0.000 sec
215  23:27:43  select B.Book_title , I.Issued_cust , C.Customer_name from IssueStatus I left join Books B on I.Isbn_book = B....  20 row(s) returned   0.000 sec / 0.000 sec
```

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

```
SELECT
    COUNT(*), category
FROM
    books
GROUP BY category;
```



```
FROM
    IssueStatus I
        LEFT JOIN
    Books B ON I.Isbn_book = B.ISBN
        LEFT JOIN
    Customer C ON I.Issued_cust = C.Customer_id;

-- 4. Display the total count of books in each category.
SELECT
    COUNT(*), category
FROM
    books
GROUP BY category;
```

count(*)	category
2	Novella
1	Philosophical novel
9	Novel
1	Romantic family saga
1	Mystery-thriller
1	Mystery thriller

Result 51

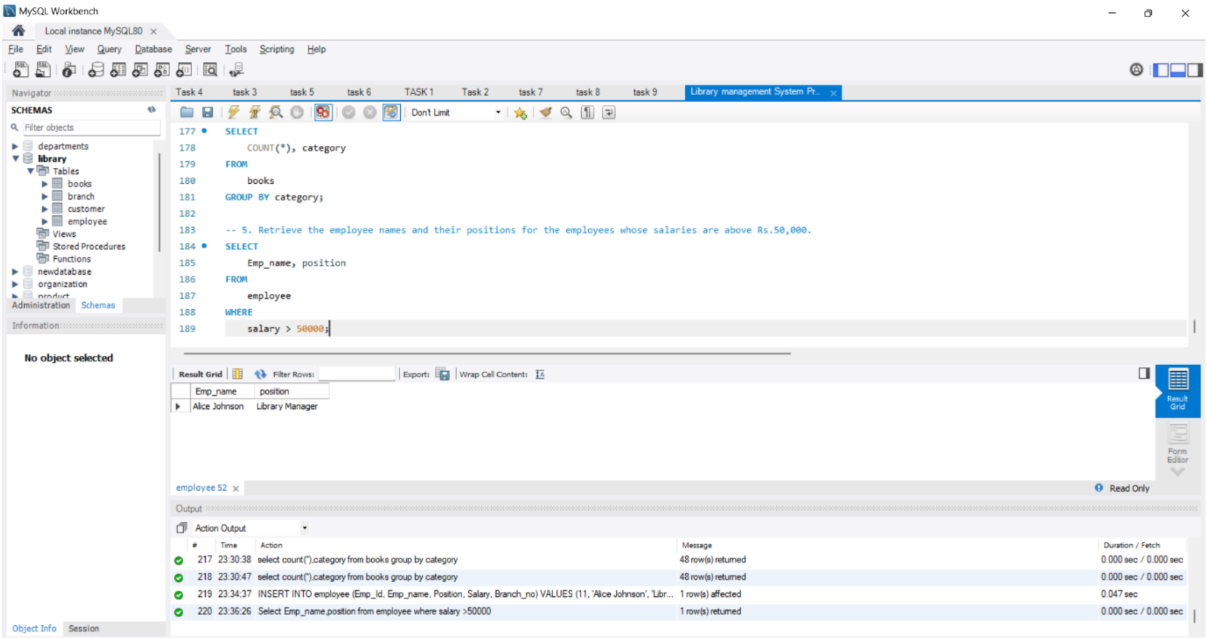
Output

Action Output

```
#    Time      Action                                                                                              Message             Duration / Fetch
215  23:27:43  select B.Book_title , I.Issued_cust , C.Customer_name from IssueStatus I  left join Books B on I.Isbn_book = B....  20 row(s) returned  0.000 sec / 0.000 sec
216  23:30:20  select count(*) from books group by category                                                       48 row(s) returned  0.031 sec / 0.000 sec
217  23:30:38  select count(*),category from books group by category                                              48 row(s) returned  0.000 sec / 0.000 sec
218  23:30:47  select count(*),category from books group by category                                              48 row(s) returned  0.000 sec / 0.000 sec
```

-- 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;
```



```
SELECT
    COUNT(*), category
FROM
    books
GROUP BY category;

-- 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;
```

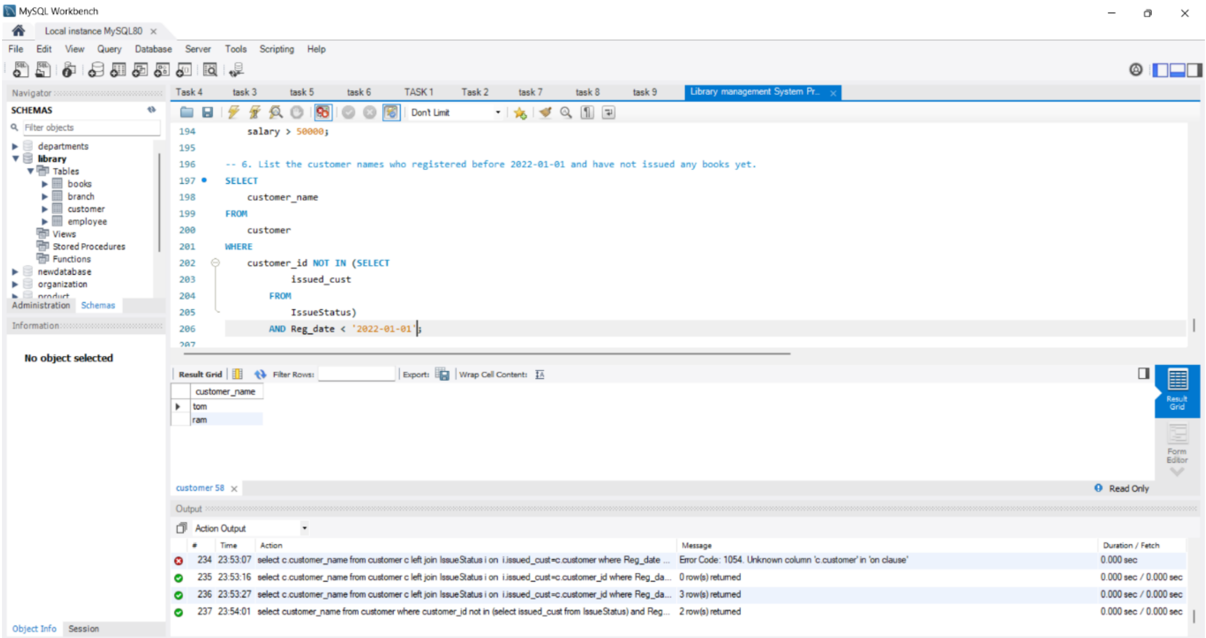
Emp_name	position
Alice Johnson	Library Manager

#	Time	Action	Message	Duration / Fetch
217	23:30:38	select count(*),category from books group by category	48 row(s) returned	0.000 sec / 0.000 sec
218	23:30:47	select count(*),category from books group by category	48 row(s) returned	0.000 sec / 0.000 sec
219	23:34:37	INSERT INTO employee (Emp_Id, Emp_name, Position, Salary, Branch_no) VALUES (11, 'Alice Johnson', 'Libr...	1 row(s) affected	0.047 sec
220	23:36:26	Select Emp_name,position from employee where salary >50000	1 row(s) returned	0.000 sec / 0.000 sec

```
-- 6. List the customer names who registered before 2022-01-01 and have not issued any books yet.
SELECT
    customer_name
FROM
    customer
WHERE
    customer_id NOT IN (SELECT
            issued_cust
        FROM
            IssueStatus)
        AND Reg_date < '2022-01-01';
-- another way
SELECT
    c.customer_name
FROM
    customer c
        LEFT JOIN
    IssueStatus i ON i.issued_cust = c.customer_id
WHERE
```

Reg_date < '2022-01-01'

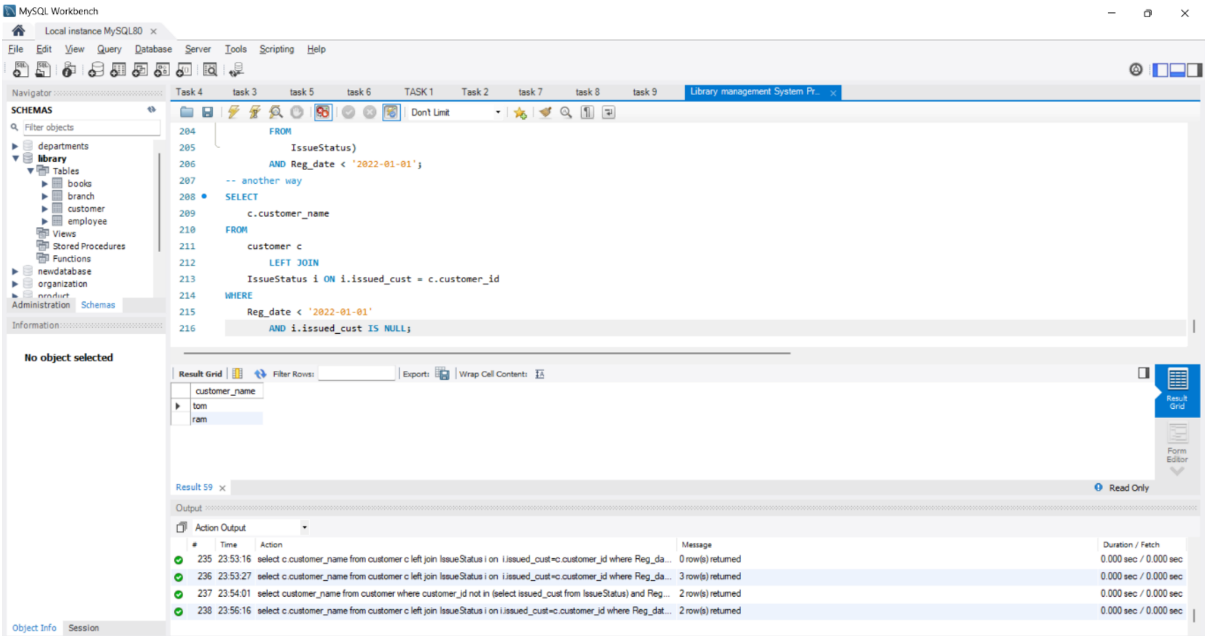
AND i.issued_cust IS NULL;



```
salary > 50000;

-- 6. List the customer names who registered before 2022-01-01 and have not issued any books yet.
SELECT
    customer_name
FROM
    customer
WHERE
    customer_id NOT IN (SELECT
            issued_cust
        FROM
            IssueStatus)
        AND Reg_date < '2022-01-01';
```

customer_name
tom
ram

```
#    Time      Action                                                                                                Message                                                        Duration / Fetch
234  23:53:07  select c.customer_name from customer c left join IssueStatus i on  i.issued_cust=c.customer where Reg_date ...  Error Code: 1054. Unknown column 'c.customer' in 'on clause'   0.000 sec
235  23:53:16  select c.customer_name from customer c left join IssueStatus i on  i.issued_cust=c.customer_id where Reg_da...  0 row(s) returned                                              0.000 sec / 0.000 sec
236  23:53:27  select c.customer_name from customer c left join IssueStatus i on  i.issued_cust=c.customer_id where Reg_da...  3 row(s) returned                                              0.000 sec / 0.000 sec
237  23:54:01  select customer_name from customer where customer_id not in (select issued_cust from IssueStatus) and Reg...  2 row(s) returned                                              0.000 sec / 0.000 sec
```



```
        FROM
            IssueStatus)
        AND Reg_date < '2022-01-01';
-- another way
SELECT
    c.customer_name
FROM
    customer c
        LEFT JOIN
    IssueStatus i ON i.issued_cust = c.customer_id
WHERE
    Reg_date < '2022-01-01'
        AND i.issued_cust IS NULL;
```

customer_name
tom
ram

```
#    Time      Action                                                                                                Message             Duration / Fetch
235  23:53:16  select c.customer_name from customer c left join IssueStatus i on  i.issued_cust=c.customer_id where Reg_da...  0 row(s) returned   0.000 sec / 0.000 sec
236  23:53:27  select c.customer_name from customer c left join IssueStatus i on  i.issued_cust=c.customer_id where Reg_da...  3 row(s) returned   0.000 sec / 0.000 sec
237  23:54:01  select customer_name from customer where customer_id not in (select issued_cust from IssueStatus) and Reg...  2 row(s) returned   0.000 sec / 0.000 sec
238  23:56:16  select c.customer_name from customer c left join IssueStatus i on i.issued_cust=c.customer_id where Reg_dat...   2 row(s) returned   0.000 sec / 0.000 sec
```

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

SELECT

b.Branch_no, COUNT(e.Emp_Id)

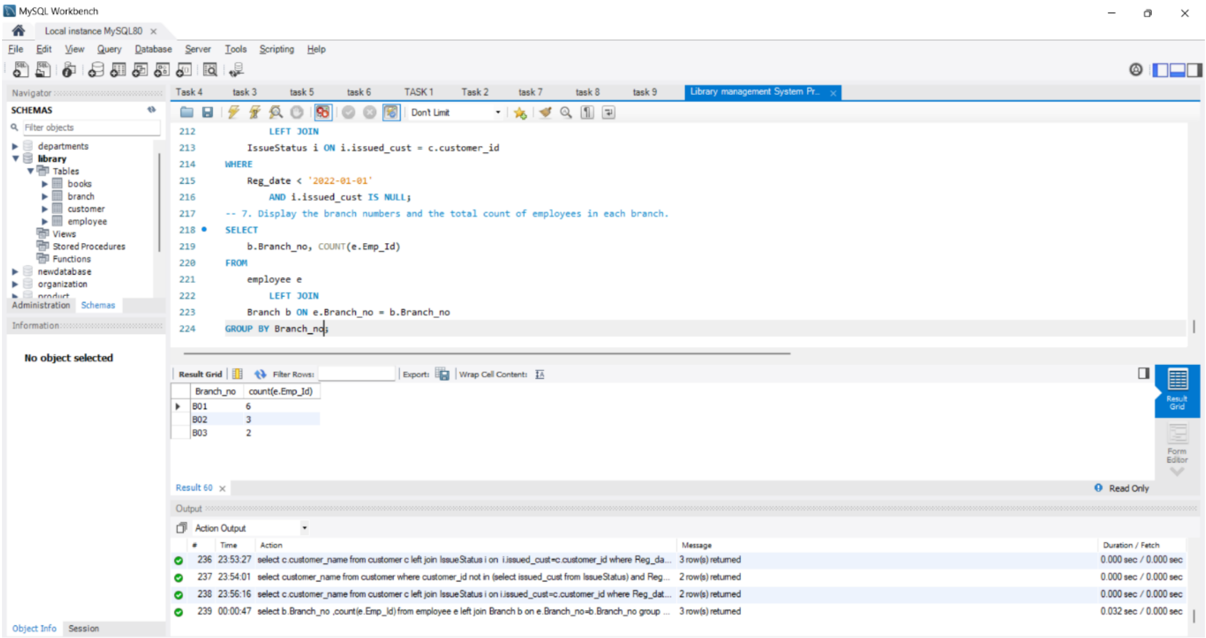
FROM

employee e

LEFT JOIN

Branch b ON e.Branch_no = b.Branch_no

```
GROUP BY Branch_no;
```



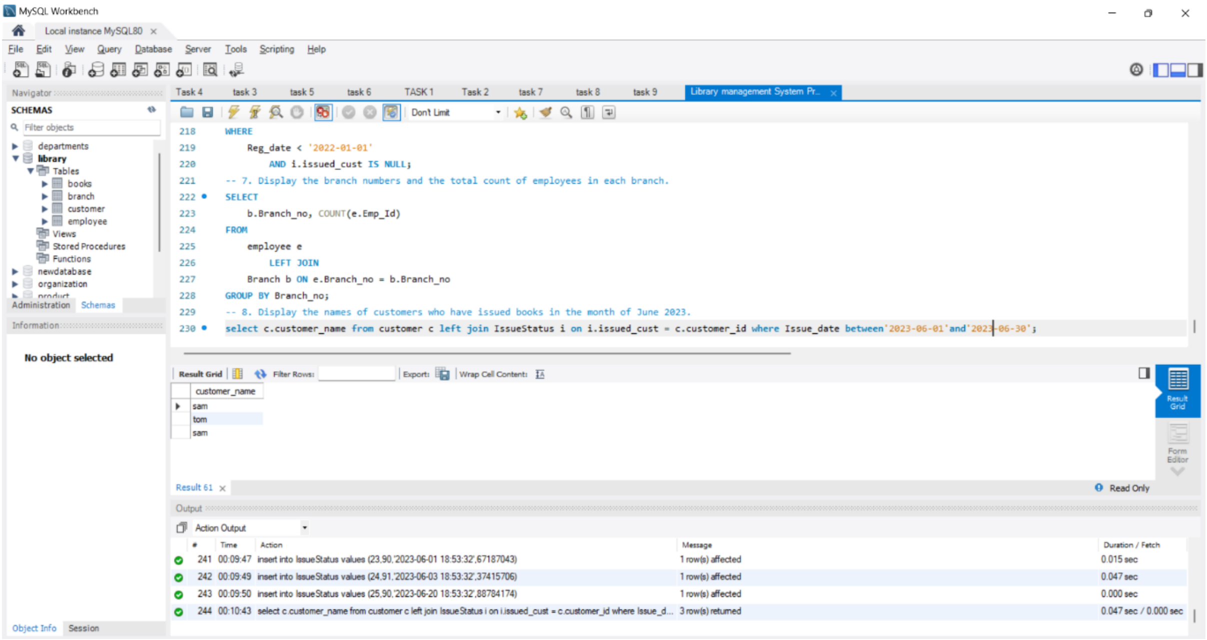
```
        LEFT JOIN
    IssueStatus i ON i.issued_cust = c.customer_id
WHERE
    Reg_date < '2022-01-01'
        AND i.issued_cust IS NULL;
-- 7. Display the branch numbers and the total count of employees in each branch.
SELECT
    b.Branch_no, COUNT(e.Emp_Id)
FROM
    employee e
        LEFT JOIN
    Branch b ON e.Branch_no = b.Branch_no
GROUP BY Branch_no;
```

Branch_no	count(e.Emp_Id)
B01	6
B02	3
B03	2

```
#    Time      Action                                                                                   Message            Duration / Fetch
236  23:53:27  select c.customer_name from customer c left join IssueStatus i on  i.issued_cust=c.customer_id where Reg_da...  3 row(s) returned  0.000 sec / 0.000 sec
237  23:54:01  select customer_name from customer where customer_id not in (select issued_cust from IssueStatus) and Reg...  2 row(s) returned  0.000 sec / 0.000 sec
238  23:56:16  select c.customer_name from customer c left join IssueStatus i on i.issued_cust=c.customer_id where Reg_dat...  2 row(s) returned  0.000 sec / 0.000 sec
239  00:00:47  select b.Branch_no ,count(e.Emp_Id) from employee e left join Branch b on e.Branch_no=b.Branch_no group ...  3 row(s) returned  0.032 sec / 0.000 sec
```

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

```
SELECT
    c.customer_name
FROM
    customer c
        LEFT JOIN
    IssueStatus i ON i.issued_cust = c.customer_id
WHERE
    Issue_date BETWEEN '2023-06-01' AND '2023-06-30';
```



```
WHERE
    Reg_date < '2022-01-01'
        AND i.issued_cust IS NULL;
-- 7. Display the branch numbers and the total count of employees in each branch.
SELECT
    b.Branch_no, COUNT(e.Emp_Id)
FROM
    employee e
        LEFT JOIN
    Branch b ON e.Branch_no = b.Branch_no
GROUP BY Branch_no;
-- 8. Display the names of customers who have issued books in the month of June 2023.
select c.customer_name from customer c left join IssueStatus i on i.issued_cust = c.customer_id where Issue_date between'2023-06-01'and'2023-06-30';
```

```
customer_name
sam
tom
sam
```

```
#    Time      Action                                                                                   Message            Duration / Fetch
241  00:09:47  insert into IssueStatus values (23,90,'2023-06-01 18:53:32',67187043)                   1 row(s) affected  0.015 sec
242  00:09:49  insert into IssueStatus values (24,91,'2023-06-03 18:53:32',37415706)                   1 row(s) affected  0.047 sec
243  00:09:50  insert into IssueStatus values (25,90,'2023-06-20 18:53:32',88784174)                   1 row(s) affected  0.000 sec
244  00:10:43  select c.customer_name from customer c left join IssueStatus i on i.issued_cust = c.customer_id where Issue_d...  3 row(s) returned  0.047 sec / 0.000 sec
```

-- 9. Retrieve book_title from book table containing history.

SELECT

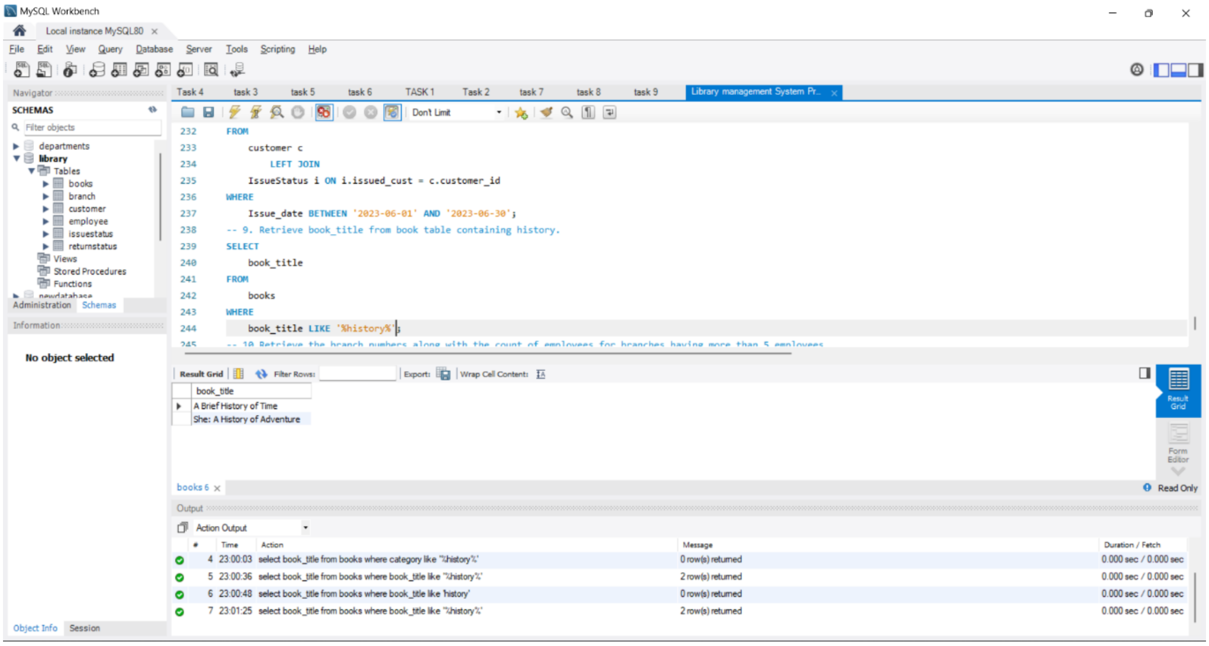
  book_title

FROM

  books

WHERE

  book_title LIKE '%history%';



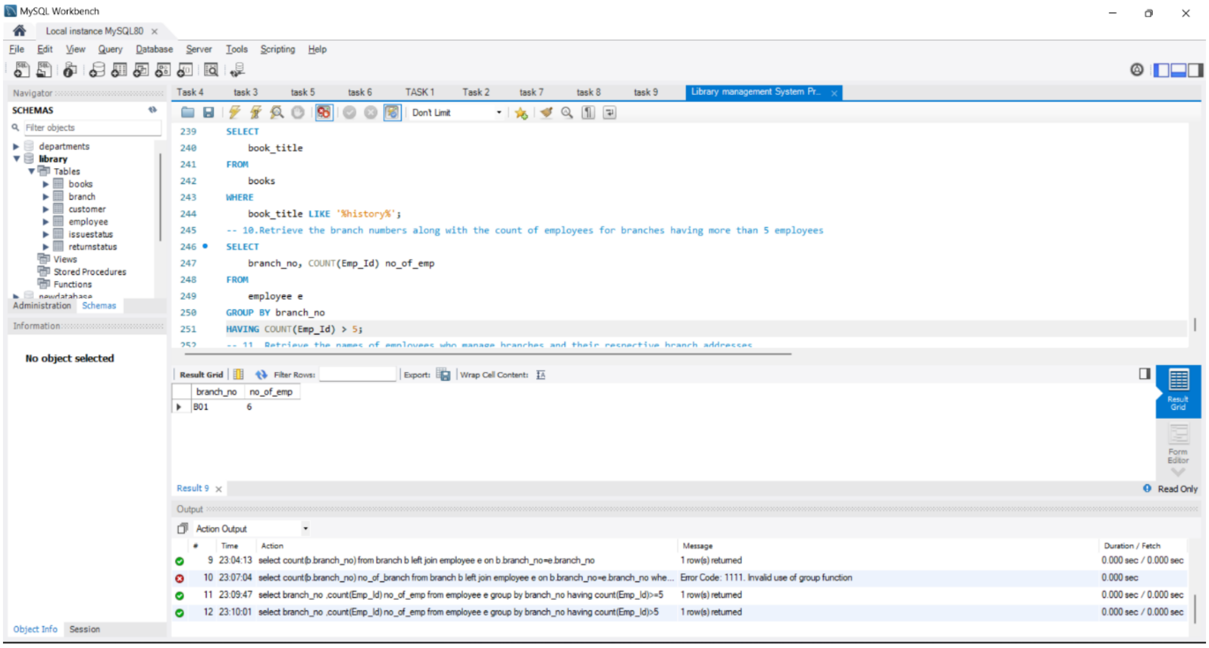
```
FROM
    customer c
        LEFT JOIN
    IssueStatus i ON i.issued_cust = c.customer_id
WHERE
    Issue_date BETWEEN '2023-06-01' AND '2023-06-30';
-- 9. Retrieve book_title from book table containing history.
SELECT
    book_title
FROM
    books
WHERE
    book_title LIKE '%history%';
-- 10 Retrieve the branch numbers along with the count of employees for branches having more than 5 employees
```

```
book_title
A Brief History of Time
She: A History of Adventure
```

```
#  Time      Action                                                         Message            Duration / Fetch
4  23:00:03  select book_title from books where category like '%history%'  0 row(s) returned  0.000 sec / 0.000 sec
5  23:00:36  select book_title from books where book_title like '%history%'  2 row(s) returned  0.000 sec / 0.000 sec
6  23:00:48  select book_title from books where book_title like 'history'  0 row(s) returned  0.000 sec / 0.000 sec
7  23:01:25  select book_title from books where book_title like '%history%'  2 row(s) returned  0.000 sec / 0.000 sec
```

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

```
SELECT
    branch_no, COUNT(Emp_Id) no_of_emp
FROM
    employee e
GROUP BY branch_no
HAVING COUNT(Emp_Id) > 5;
```



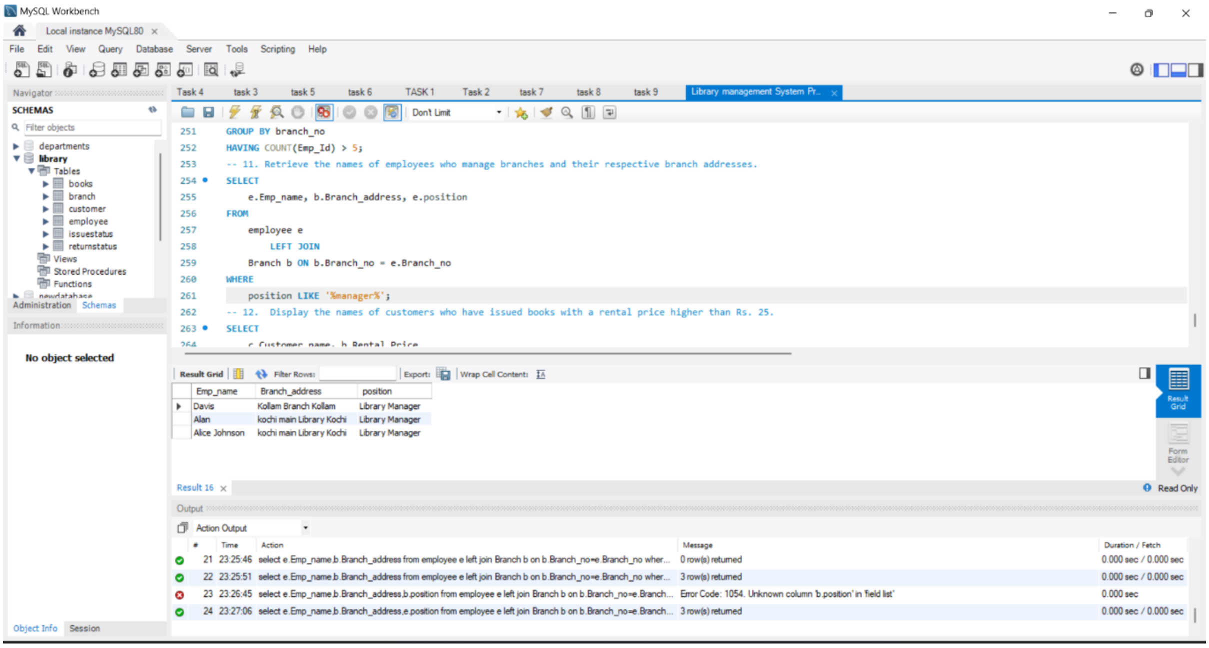
```
SELECT
    book_title
FROM
    books
WHERE
    book_title LIKE '%history%';
-- 10.Retrieve the branch numbers along with the count of employees for branches having more than 5 employees
SELECT
    branch_no, COUNT(Emp_Id) no_of_emp
FROM
    employee e
GROUP BY branch_no
HAVING COUNT(Emp_Id) > 5;
-- 11. Retrieve the names of employees who manage branches and their respective branch addresses
```

	branch_no	no_of_emp
▶	B01	6

```
    #  Time      Action                                                                                     Message                                           Duration / Fetch
✓   9  23:04:13  select count(b.branch_no) from branch b left join employee e on b.branch_no=e.branch_no         1 row(s) returned                                 0.000 sec / 0.000 sec
✗  10  23:07:04  select count(b.branch_no) no_of_branch from branch b left join employee e on b.branch_no=e.branch_no whe...  Error Code: 1111. Invalid use of group function  0.000 sec
✓  11  23:09:47  select branch_no ,count(Emp_Id) no_of_emp from employee e group by branch_no having count(Emp_Id)>=5  1 row(s) returned       0.000 sec / 0.000 sec
✓  12  23:10:01  select branch_no ,count(Emp_Id) no_of_emp from employee e group by branch_no having count(Emp_Id)>5   1 row(s) returned       0.000 sec / 0.000 sec
```

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

```
SELECT
    e.Emp_name, b.Branch_address, e.position
FROM
    employee e
        LEFT JOIN
    Branch b ON b.Branch_no = e.Branch_no
WHERE
    position LIKE '%manager%';
```

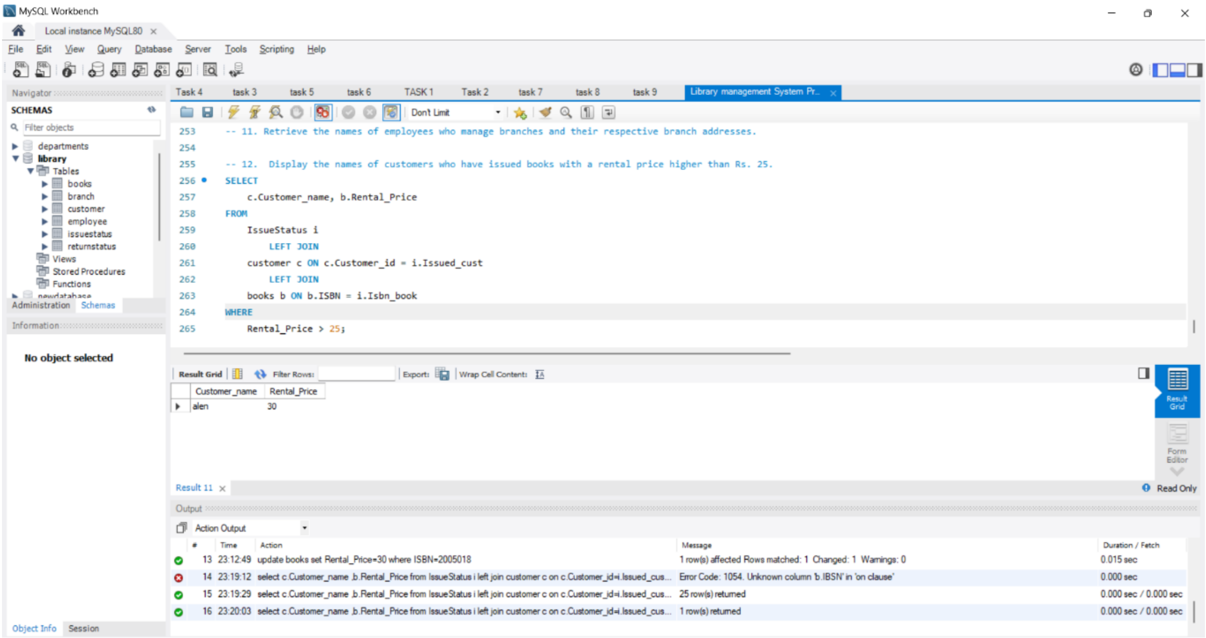


```
GROUP BY branch_no
HAVING COUNT(Emp_Id) > 5;
-- 11. Retrieve the names of employees who manage branches and their respective branch addresses.
SELECT
    e.Emp_name, b.Branch_address, e.position
FROM
    employee e
        LEFT JOIN
    Branch b ON b.Branch_no = e.Branch_no
WHERE
    position LIKE '%manager%';
-- 12.  Display the names of customers who have issued books with a rental price higher than Rs. 25.
SELECT
    c.Customer_name, b.Rental_Price
```

Emp_name	Branch_address	position
Davis	Kollam Branch Kollam	Library Manager
Alan	kochi main Library Kochi	Library Manager
Alice Johnson	kochi main Library Kochi	Library Manager

```
#   Time      Action                                                                                    Message                                                           Duration / Fetch
21  23:25:46  select e.Emp_name,b.Branch_address from employee e left join Branch b on b.Branch_no=e.Branch_no wher...  0 row(s) returned                                                 0.000 sec / 0.000 sec
22  23:25:51  select e.Emp_name,b.Branch_address from employee e left join Branch b on b.Branch_no=e.Branch_no wher...  3 row(s) returned                                                 0.000 sec / 0.000 sec
23  23:26:45  select e.Emp_name,b.Branch_address,b.position from employee e left join Branch b on b.Branch_no=e.Branch...  Error Code: 1054. Unknown column 'b.position' in 'field list'  0.000 sec
24  23:27:06  select e.Emp_name,b.Branch_address,e.position from employee e left join Branch b on b.Branch_no=e.Branch...  3 row(s) returned                                                 0.000 sec / 0.000 sec
```

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

SELECT

    c.Customer_name, b.Rental_Price

FROM

    IssueStatus i

        LEFT JOIN

    customer c ON c.Customer_id = i.Issued_cust

        LEFT JOIN

    books b ON b.ISBN = i.Isbn_book

WHERE

    Rental_Price > 25;
```



```sql
-- 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.
SELECT
    c.Customer_name, b.Rental_Price
FROM
    IssueStatus i
        LEFT JOIN
    customer c ON c.Customer_id = i.Issued_cust
        LEFT JOIN
    books b ON b.ISBN = i.Isbn_book
WHERE
    Rental_Price > 25;
```

Customer_name	Rental_Price
alen	30

```
#   Time      Action                                                                                      Message                                                        Duration / Fetch
13  23:12:49  update books set Rental_Price=30 where ISBN=2005018                                         1 row(s) affected Rows matched: 1  Changed: 1  Warnings: 0     0.015 sec
14  23:19:12  select c.Customer_name ,b.Rental_Price from IssueStatus i left join customer c on c.Customer_id=i.Issued_cus...  Error Code: 1054. Unknown column 'b.IBSN' in 'on clause'  0.000 sec
15  23:19:29  select c.Customer_name ,b.Rental_Price from IssueStatus i left join customer c on c.Customer_id=i.Issued_cus...  25 row(s) returned                                 0.000 sec / 0.000 sec
16  23:20:03  select c.Customer_name ,b.Rental_Price from IssueStatus i left join customer c on c.Customer_id=i.Issued_cus...  1 row(s) returned                                  0.000 sec / 0.000 sec
```