

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

```
SELECT Book_title,Category,Rental_price  
FROM BOOKS;
```

	Book_title	Category	Rental_price
►	Personality of the Cat	Pets,Cats,General	400
	Shadow Song	Fiction,General	570
	Christmas Cookies	Cooking,General	600
	Journey Through Heartsongs	Poetry,General	550
	Great American Countryside	Travel,United States,General	660
	New Lands, New Men	Biography & Autobiography,Adventurers	800
	The Genesis of Ethics	Religion,Ethics	700
	The Missing Person	Fiction,General	450
	Goat Brothers	History,General	500
	Sunset at Rosalie	Fiction,General	420

#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
▶	Jordan Perez	65000
	Angel Leach	60000
	Steve Harrington	60000
	Martha Berg	58000
	Noor Henry	57000
	Nova Rosales	54000
	Edward Lu	45000
	Peter Parkor	42000
	Leo Wiley	40000
	Allen Sellers	35000

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

```
SELECT I.Issued_book_name  
,C.Customer_nameFROM ISSUE_STATUS I  
JOIN CUSTOMER C ON  
Issued_cust=Customer_id;
```

Issued_book_name	Customer_name
Goat Brothers	Kaylie Murray
The Missing Person	Clay Riley
Journey Through Heartsongs	Ezra Mathews
Christmas Cookies	Sasha Lara
The Genesis of Ethics	Elisabeth
Personality of the Cat	Johnny Nash
Shadow Song	Levi
Sunset at Rosalie	Julius
New Lands, New Men	Victoria
Great American Countryside	Ben

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

```
SELECT Count(*),Category FROM BOOKS  
GROUP BY Category;
```

	Count(*)	Category
►	1	Pets,Cats,General
	3	Fiction,General
	1	3 pking,General
	1	Poetry,General
	1	Travel,United States,General
	1	Biography & Autobiography,Adventurers
	1	Religion,Ethics
	1	History,General

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

```
SELECT Emp_name , Position , Salary FROM  
EMPLOYEE WHERE Salary > 50000;
```

	Emp_name	Position	Salary
►	Jordan Perez	Library Director	65000
	Nova Rosales	Data Librarian	54000
	Martha Berg	Head Librarian	58000
	Angel Leach	Medical Librarian	60000
	Noor Henry	Library Manager	57000
	Steve Harrington	Adult Service	60000

#6. List the customer names who registered before 2024-02-01 and have not issued any books yet.

```
SELECT Customer_name , Reg_date FROM  
CUSTOMER WHERE Reg_date < '2024-02-01';
```

	Customer_name	Reg_date
▶	Kaylie Murray	2024-01-10
	Clay Riley	2024-01-25

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

```
SELECT Branch_no, COUNT(Emp_id) AS  
Total_EmployeesFROM EMPLOYEE GROUP BY  
Branch_no;
```

	Branch_no	Total_Employees
►	1	1
	2	1
	3	1
	4	1
	5	1
	6	1
	7	1
	8	1
	9	1
	10	1

#8. Display the names of customers who have issued books in the month of February 2024.

```
SELECT C.Customer_name ,  
I.Issued_dateFROM CUSTOMER C JOIN  
ISSUE_STATUS I ON Customer_id =  
Issued_custWHERE MONTH(I.Issued_date)=2  
and YEAR(I.Issued_date) =2024;
```

	Customer_name	Issued_date
►	Ezra Mathews	2024-02-01
	Sasha Lara	2024-02-12
	Elisabeth	2024-02-20

#9. Retrieve book_title
from book table
containing
History,General.

```
SELECT Book_title , Category FROM BOOKS  
WHERE Category ="History,General";
```

	Book_title	Category
▶	Goat Brothers	History,General

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

```
SELECT Branch_no, COUNT(Emp_id) AS  
Total_EmployeesFROM EMPLOYEE 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 , E.Branch_no ,  
B.Branch_addressFROM EMPLOYEE E JOIN  
BRANCH B ON E.Branch_no = B.Branch_no;
```

	Emp_name	Branch_no	Branch_address
▶	Jordan Perez	1	Murry Street
	Nova Rosales	2	Randall Drive
	Martha Berg	3	Patterson Fork Road
	Angel Leach	4	Old House Drive
	Edward Lu	5	West Fork Street
	Noor Henry	6	Pinewood Drive
	Leo Wiley	7	Freed Drive
	Allen Sellers	8	Grove Street
	Peter Parkor	9	Ingram Road
	Steve Harrington	10	Sumner Street

#12. Display the names of customers who have issued books with a rental price higher than Rs. 250.

```
SELECT C.Customer_name FROM CUSTOMER  
C JOIN ISSUE_STATUS I ON C.Customer_id =  
I.Issued_cust JOIN BOOKS B ON I.ISBN_BOOK  
= B.ISBN WHERE B.Rental_price >250;
```

	Customer_name
▶	Johnny Nash
	Levi
	Sasha Lara
	Ezra Mathews
	Ben
	Victoria
	Elisabeth
	Clay Riley
	Kaylie Murray
	Julius