```sql
CREATE DATABASE library_new;
USE library_new;
CREATE TABLE Branch (
    Branch_no INT PRIMARY KEY,
    Manager_Id INT,
    Branch_address VARCHAR(255),
    Contact_no VARCHAR(15)
);

CREATE TABLE Employee (
    Emp_Id INT PRIMARY KEY,
    Emp_name VARCHAR(100),
    Position VARCHAR(100),
    Salary DECIMAL(10, 2),
    Branch_no INT,
    FOREIGN KEY (Branch_no) REFERENCES Branch(Branch_no)
);

CREATE TABLE Books (
    ISBN INT PRIMARY KEY,
    Book_title VARCHAR(255),
    Category VARCHAR(100),
    Rental_Price DECIMAL(10, 2),
    Status VARCHAR(10), -- 'yes' or 'no'
    Author VARCHAR(100),
    Publisher VARCHAR(100)
);

CREATE TABLE Customer (
    Customer_Id INT PRIMARY KEY,
    Customer_name VARCHAR(100),
    Customer_address VARCHAR(255),
    Reg_date DATE
);
```

```sql

CREATE TABLE IssueStatus (
    Issue_Id INT PRIMARY KEY,
    Issued_cust_id INT,
    Issued_book_name VARCHAR(255),
    Issue_date DATE,
    Isbn_book INT,
    FOREIGN KEY (Issued_cust_id) REFERENCES Customer(Customer_Id),
    FOREIGN KEY (Isbn_book) REFERENCES Books(ISBN)
);

CREATE TABLE ReturnStatus (
    Return_Id INT PRIMARY KEY,
    Return_cust INT,
    Return_book_name VARCHAR(255),
    Return_date DATE,
    Isbn book2 INT,
    Isbn_book2 INT,
    FOREIGN KEY (Isbn_book2) REFERENCES Books(ISBN)
);

INSERT INTO Branch (Branch_no, Manager_Id, Branch_address, Contact_no)
VALUES (1, 101, 'MG Road, Bengaluru', '9876543210'),
       (2, 102, 'Connaught Place, New Delhi', '9876543211');

INSERT INTO Employee (Emp_Id, Emp_name, Position, Salary, Branch_no)
VALUES (201, 'Amit Kumar', 'Manager', 55000, 1),
       (202, 'Rajesh Verma', 'Assistant', 45000, 1),
       (203, 'Pooja Sharma', 'Manager', 60000, 2);

INSERT INTO Books (ISBN, Book_title, Category, Rental_Price, Status, Author, Publisher)
VALUES (1001, 'The Alchemist', 'Fiction', 30, 'yes', 'Paulo Coelho', 'HarperCollins'),
       (1002, 'A Brief History of Time', 'Science', 50, 'no', 'Stephen Hawking', 'Bantam Bo
       (1003, 'India After Gandhi', 'History', 40, 'yes', 'Ramachandra Guha', 'Picador');
```

```
66          (1002, 'A Brief History of Time', 'Science', 50, 'no', 'Stephen Hawking', 'Bantam Bo
67          (1003, 'India After Gandhi', 'History', 40, 'yes', 'Ramachandra Guha', 'Picador');
68
69  •   INSERT INTO Customer (Customer_Id, Customer_name, Customer_address, Reg_date)
70      VALUES (301, 'Suresh Patil', 'Mumbai', '2021-10-15'),
71             (302, 'Anjali Mehta', 'Pune', '2020-12-20');
72
73  •   INSERT INTO IssueStatus (Issue_Id, Issued_cust_id, Issued_book_name, Issue_date, Isbn_book)
74      VALUES (401, 301, 'India After Gandhi', '2023-06-15', 1003);
75
76  •   INSERT INTO ReturnStatus (Return_Id, Return_cust, Return_book_name, Return_date, Isbn_book2
77      VALUES (501, 301, 'India After Gandhi', '2023-07-01', 1003);
78
79  •   SELECT Book_title, Category, Rental_Price
80      FROM Books
81      WHERE Status = 'yes';
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Book_title	Category	Rental_Price
The Alchemist	Fiction	30.00
India After Gandhi	History	40.00

```
83      -- Query 2:
84  •   SELECT Emp_name, Salary
85      FROM Employee
86      ORDER BY Salary DESC;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Emp_name	Salary
Pooja Sharma	60000.00
Amit Kumar	55000.00
Rajesh Verma	45000.00

```sql
-- Query 3:
SELECT Books.Book_title, Customer.Customer_name
FROM Books
JOIN IssueStatus ON Books.ISBN = IssueStatus.Isbn_book
JOIN Customer ON IssueStatus.Issued_cust_id = Customer.Customer_Id;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Book_title	Customer_name
India After Gandhi	Suresh Patil

esult 4

```sql
-- Query 4:
SELECT Category, COUNT(*) AS TotalBooks
FROM Books
GROUP BY Category;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Category	TotalBooks
Fiction	1
Science	1
History	1

```sql
-- Query 5:
SELECT Emp_name, Position
FROM Employee
WHERE Salary > 50000;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Emp_name	Position
Amit Kumar	Manager
Pooja Sharma	Manager

```sql
-- Query 6:
SELECT Customer_name
FROM Customer
WHERE Reg_date < '2022-01-01'
AND Customer_Id NOT IN (SELECT Issued_cust_id FROM IssueStatus);
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Customer_name
Anjali Mehta

```sql
-- Query 7:
SELECT Branch_no, COUNT(*) AS TotalEmployees
FROM Employee
GROUP BY Branch_no;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Branch_no	TotalEmployees
1	2
2	1

```sql
-- Query 8:
SELECT Customer.Customer_name
FROM Customer
JOIN IssueStatus ON Customer.Customer_Id = IssueStatus.Issued_cust_id
WHERE Issue_date BETWEEN '2023-06-01' AND '2023-06-30';
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Customer_name
Suresh Patil

```sql
-- Query 9:
SELECT Book_title
FROM Books
WHERE Book_title LIKE '%history%';
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Book_title
A Brief History of Time

```sql
-- Query 10:
SELECT Branch_no, COUNT(*) AS TotalEmployees
FROM Employee
GROUP BY Branch_no
HAVING TotalEmployees > 5;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Branch_no	TotalEmployees

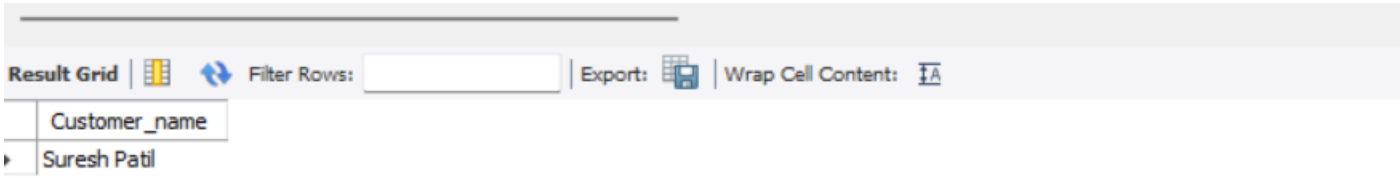
```sql
-- Query 11:
SELECT Employee.Emp_name, Branch.Branch_address
FROM Employee
JOIN Branch ON Employee.Emp_Id = Branch.Manager_Id;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Emp_name	Branch_address

Result 15 ×

```sql
-- Query 12:
SELECT Customer.Customer_name
FROM Customer
JOIN IssueStatus ON Customer.Customer_Id = IssueStatus.Issued_cust_id
JOIN Books ON IssueStatus.Isbn_book = Books.ISBN
WHERE Books.Rental_Price > 25;
```



Customer_name
Suresh Patil