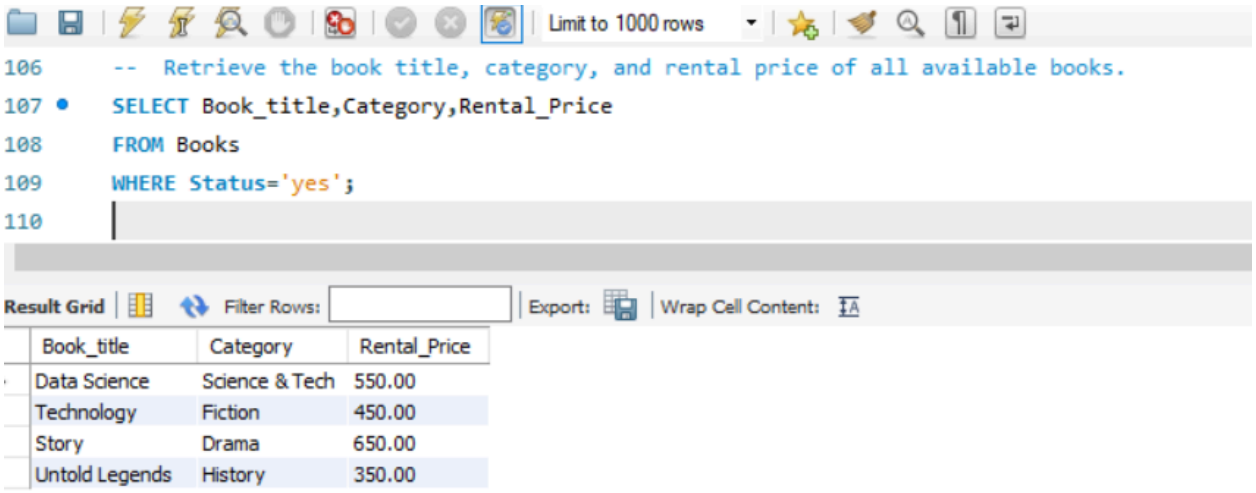
1 . **Retrieve the book title, category, and rental price of all available books.**

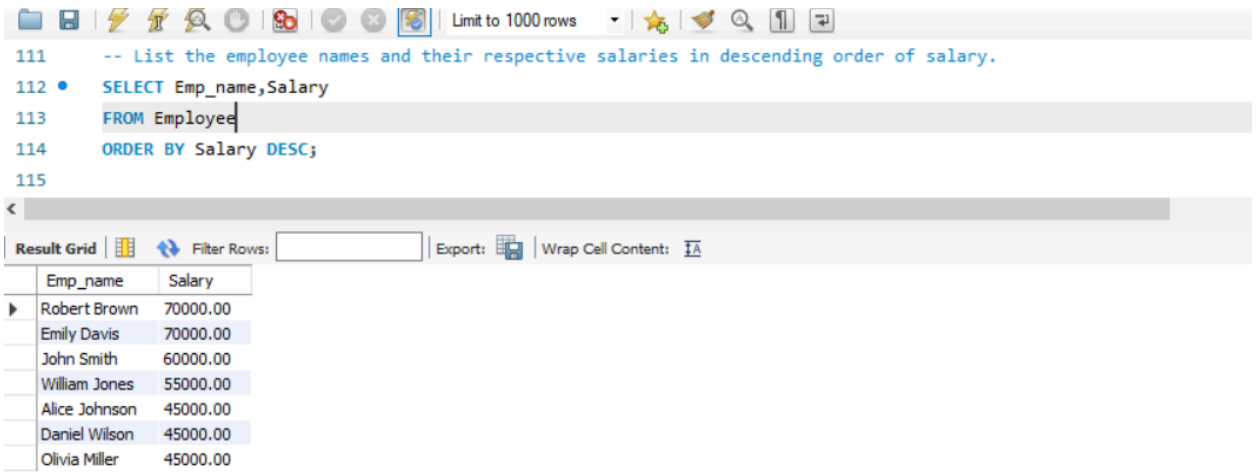


```
106     --  Retrieve the book title, category, and rental price of all available books.
107     SELECT Book_title,Category,Rental_Price
108     FROM Books
109     WHERE Status='yes';
110
```

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

Book_title	Category	Rental_Price
Data Science	Science & Tech	550.00
Technology	Fiction	450.00
Story	Drama	650.00
Untold Legends	History	350.00

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

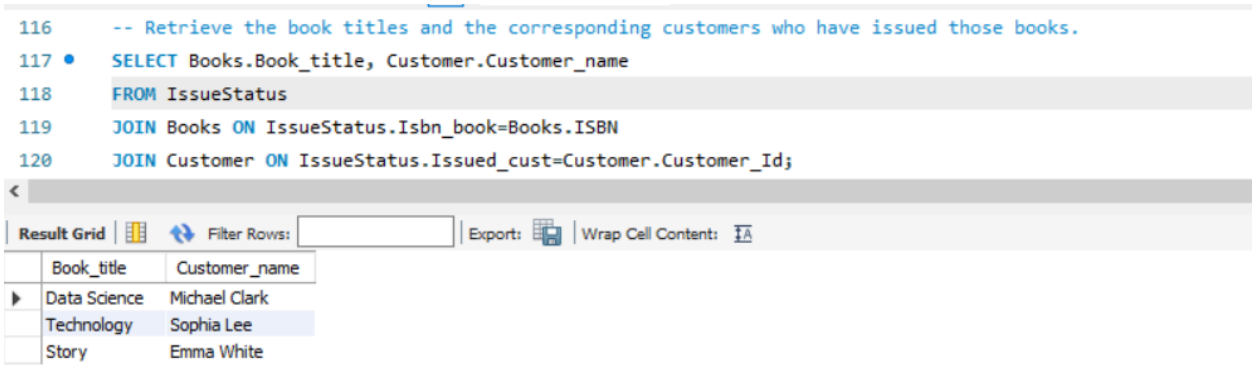


```
111     -- List the employee names and their respective salaries in descending order of salary.
112     SELECT Emp_name,Salary
113     FROM Employee
114     ORDER BY Salary DESC;
115
```

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

Emp_name	Salary
Robert Brown	70000.00
Emily Davis	70000.00
John Smith	60000.00
William Jones	55000.00
Alice Johnson	45000.00
Daniel Wilson	45000.00
Olivia Miller	45000.00

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



```
116     -- Retrieve the book titles and the corresponding customers who have issued those books.
117     SELECT Books.Book_title, Customer.Customer_name
118     FROM IssueStatus
119     JOIN Books ON IssueStatus.Isbn_book=Books.ISBN
120     JOIN Customer ON IssueStatus.Issued_cust=Customer.Customer_Id;
```

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

Book_title	Customer_name
Data Science	Michael Clark
Technology	Sophia Lee
Story	Emma White

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

```
122    -- Display the total count of books in each category.
123    SELECT Category,COUNT(*) AS BookCount
124    FROM Books
125    GROUP BY Category;
126
```

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

Category	BookCount
Science & Tech	1
Fiction	1
Drama	1
Noval	1
History	1

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

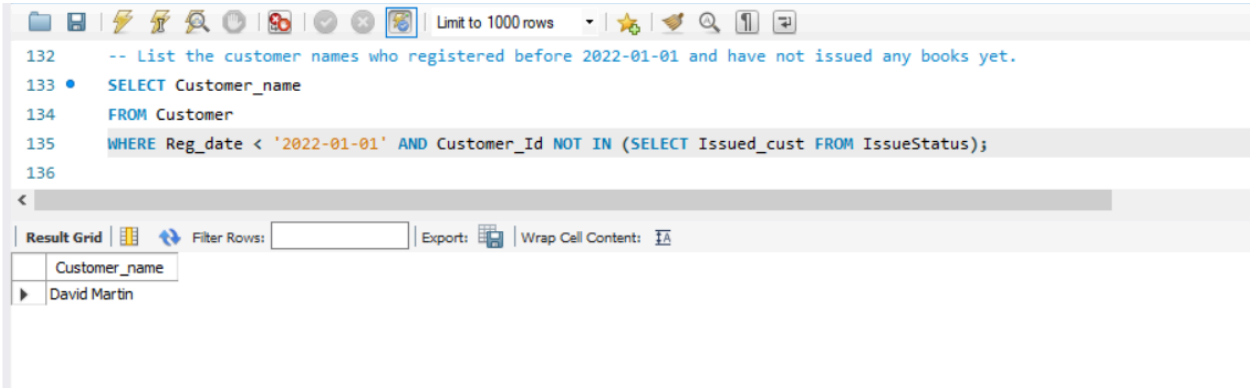
Limit to 1000 rows

```
127    -- Retrieve the employee names and their positions for the employees whose salaries are above Rs.50,000.
128    SELECT Emp_name,Position,Salary
129    FROM Employee
130    WHERE Salary>50000;
131
```

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

Emp_name	Position	Salary
John Smith	Manager	60000.00
Robert Brown	Manager	70000.00
Emily Davis	Staff	70000.00
William Jones	Clerk	55000.00

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

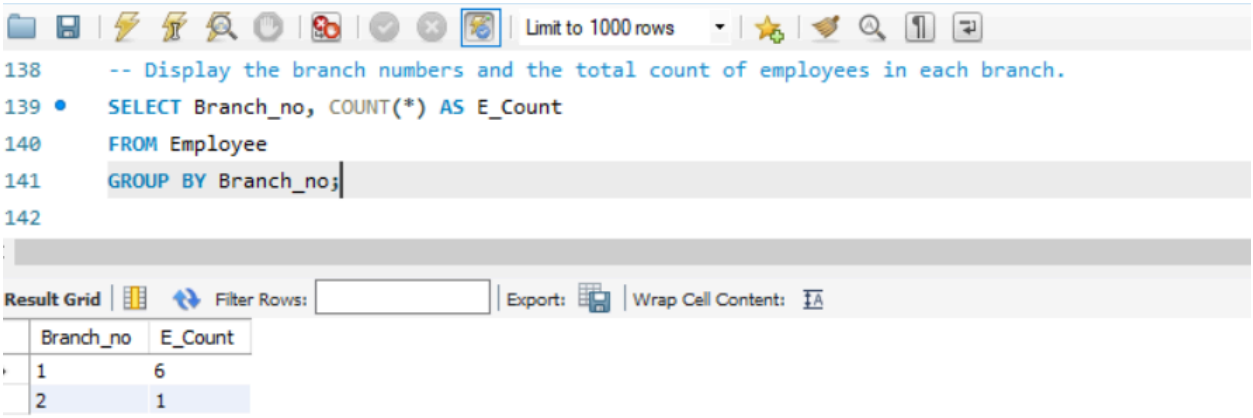


```
132  -- List the customer names who registered before 2022-01-01 and have not issued any books yet.
133  SELECT Customer_name
134  FROM Customer
135  WHERE Reg_date < '2022-01-01' AND Customer_Id NOT IN (SELECT Issued_cust FROM IssueStatus);
136
```

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

Customer_name
David Martin

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

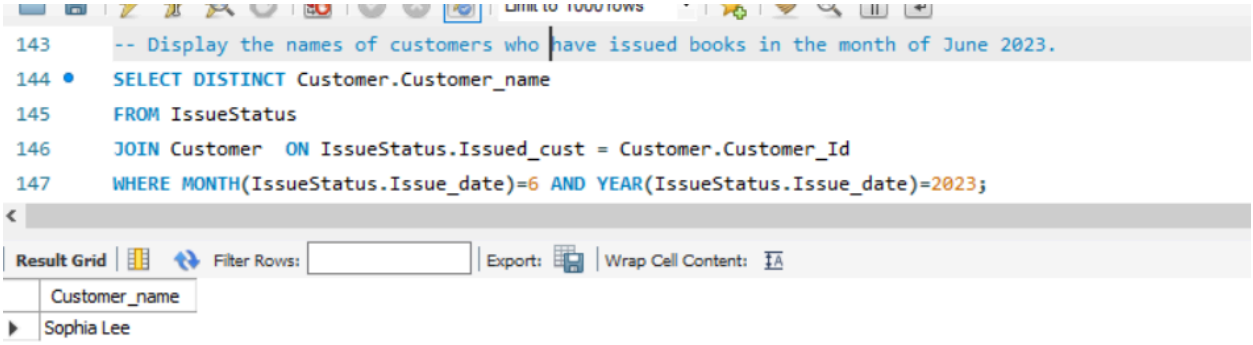


```
138  -- Display the branch numbers and the total count of employees in each branch.
139  SELECT Branch_no, COUNT(*) AS E_Count
140  FROM Employee
141  GROUP BY Branch_no;
142
```

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

Branch_no	E_Count
1	6
2	1

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



```
143  -- Display the names of customers who have issued books in the month of June 2023.
144  SELECT DISTINCT Customer.Customer_name
145  FROM IssueStatus
146  JOIN Customer  ON IssueStatus.Issued_cust = Customer.Customer_Id
147  WHERE MONTH(IssueStatus.Issue_date)=6 AND YEAR(IssueStatus.Issue_date)=2023;
```

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

Customer_name
Sophia Lee

9 **Retrieve book_title from books table containing history.**

```
149    -- Retrieve book_title from book table containing history.
150    SELECT Book_title
151    FROM Books
152    WHERE Category ='History';
153
```

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

Book_title
Untold Legends

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

```
154    -- Retrieve the branch numbers along with the count of employees for branches having more than 5 employees.
155    SELECT Branch_no, COUNT(*) AS Employee_Count
156    FROM Employee
157    GROUP BY Branch_no
158    HAVING Employee_Count > 5;
```

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

Branch_no	Employee_Count
1	6