

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

The screenshot shows the MySQL Workbench interface with a query editor and a result grid. The query is as follows:

```
95      (2,2,'Story','2022-04-15',103);
96
97      -- Retrieve the book title, category, and rental price of all available books.
98      SELECT Book_title,Category,Rental_Price
99      FROM Books
100     WHERE Status='yes';
101
```

The result grid displays the following data:

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

The interface also shows a status bar at the bottom indicating "Books 20" and a "Read Only" mode.

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

The screenshot shows the MySQL Workbench interface with a query editor and a result grid. The query is as follows:

```
101
102      -- List the employee names and their respective salaries in descending order of salary.
103      SELECT Emp_name,Salary
104      FROM Employee
105      ORDER BY Salary DESC;
106
107      -- Retrieve the book titles and the corresponding customers who have issued those books.
```

The result grid displays the following data:

Emp_name	Salary
Hari S	70000.00
Kevin James	70000.00
Midhun M	60000.00
Ram Rahul	55000.00
Tince Tony	45000.00
Tony	45000.00
Mathew M	45000.00

The interface also shows a status bar at the bottom indicating "Employee 21" and a "Read Only" mode.

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

The screenshot shows the MySQL Project IDE interface. The SQL editor contains the following query:

```
106
107 -- Retrieve the book titles and the corresponding customers who have issued those books.
108 • SELECT Books.Book_title, Customer.Customer_name
109 FROM IssueStatus
110 JOIN Books ON IssueStatus.Isbn_book=Books.ISBN
111 JOIN Customer ON IssueStatus.Issued_cust=Customer.Customer_Id;
112
```

The status bar indicates 100% zoom, 63:111 lines, and 2 errors found. The results are displayed in a table with the following data:

Book_title	Customer_name
Data Scien...	Johnson Sebastian
Technology	Bobin M
Story	Ajay Saij
Scene!	Melvin Mathew

The interface also includes a sidebar with options like Result Grid, Filter Rows, Search, Export, Form Editor, Field Types, and Query Stats. The bottom status bar shows "Result 22" and "Read Only".

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

The screenshot shows the MySQL Project IDE interface. The SQL editor contains the following query:

```
111 JOIN Customer ON IssueStatus.Issued_cust=Customer.Customer_Id;
112
113 -- Display the total count of books in each category.
114 • SELECT Category,COUNT(*) AS BookCount
115 FROM Books
116 GROUP BY Category;
117
```

The status bar indicates 100% zoom, 19:116 lines, and 2 errors found. The results are displayed in a table with the following data:

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

The interface also includes a sidebar with options like Result Grid, Filter Rows, Search, Export, Form Editor, Field Types, and Query Stats. The bottom status bar shows "Result 23" and "Read Only".

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

The screenshot shows a MySQL IDE window titled 'mysql_project'. The query editor contains the following SQL code:

```
116 GROUP BY Category;
117
118 -- Retrieve the employee names and their positions for the employees whose salaries are above
119 • SELECT Emp_name,Position,Salary
120 FROM Employee
121 WHERE Salary>50000;
122
```

The status bar indicates '100%' zoom, '20:121' cursor position, and '2 errors found'. Below the query editor is the 'Result Grid' tab, which displays the following data:

Emp_name	Position	Salary
Midhun M	Manager	60000.00
Hari S	Manager	70000.00
Kevin James	Staff	70000.00
Ram Rahul	Clerk	55000.00

The bottom status bar shows 'Employee 24' and 'Read Only'.

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

The screenshot shows a MySQL IDE window titled 'mysql_project*'. The query editor contains the following SQL code:

```
116
117 -- List the customer names who registered before 2022-01-01 and have not issued any books yet
118 • SELECT Customer_name
119 FROM Customer
120 WHERE Reg_date<'2022-01-01' AND Customer_Id NOT IN (SELECT Issued_cust FROM IssueStatus);
121
122
```

The status bar indicates '100%' zoom and '90:120' cursor position. Below the query editor is the 'Result Grid' tab, which displays the following data:

Customer_name
Melvin Mathew

The bottom status bar shows 'Customer 11' and 'Read Only'.

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

The screenshot shows the MySQL Workbench interface. The query editor contains the following SQL code:

```
126 WHERE Reg_date<'2022-01-01' AND Customer_Id NOT IN (SELECT Issued_cust FROM IssueStatus);
127
128 -- Display the branch numbers and the total count of employees in each branch.
129 SELECT Branch_no, COUNT(*) AS E_Count
130 FROM Employee
131 GROUP BY Branch_no;
132
```

The status bar indicates "1:132" and "2 errors found". The "Result Grid" tab is active, displaying the following data:

Branch_no	E_Count
1	6
2	1

The bottom status bar shows "Result 26" and "Read Only".

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

The screenshot shows the MySQL Workbench interface. The query editor contains the following SQL code:

```
127
128 -- Display the names of customers who have issued books in the month of June 2023.
129 SELECT DISTINCT Customer.Customer_name
130 FROM IssueStatus
131 JOIN Customer ON IssueStatus.Issued_cust = Customer.Customer_Id
132 WHERE MONTH(IssueStatus.Issue_date)=6 AND YEAR(IssueStatus.Issue_date)=2023;
133
```

The status bar indicates "5:142" and "1 error found". The "Result Grid" tab is active, displaying the following data:

Customer_name
Melvin Mathew

The bottom status bar shows "Result 16" and "Read Only".

9. Retrieve book_title from book table containing history.

The screenshot shows the MySQL Workbench interface. The SQL editor contains the following query:

```
132 JOIN Customer ON IssueStatus.Issued_cust = Customer.Customer_Id
133 WHERE MONTH(IssueStatus.Issue_date)=6 AND YEAR(IssueStatus.Issue_date)=2023;
134
135 -- Retrieve book_title from book table containing history.
136 SELECT Book_title
137 FROM Books
138 WHERE Category ='History';
```

The query is executed, and the result grid shows the following data:

Book_title
Untold

The status bar at the bottom indicates "Books 17" and "Read Only".

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

The screenshot shows the MySQL Workbench interface. The SQL editor contains the following query:

```
143 WHERE Category ='History';
144
145 -- Retrieve the branch numbers along with the count of employees for branches having more th
146 SELECT Branch_no, COUNT(*) AS Employee_Count
147 FROM Employee
148 GROUP BY Branch_no
149 HAVING Employee_Count > 5;
```

The query is executed, and the result grid shows the following data:

Branch_no	Employee_Count
1	6

The status bar at the bottom indicates "Result 19" and "Read Only".