






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

```
114      -- 1. Retrieve the book title, category, and rental price of all available books.
115 •    SELECT Book_title, Category, Rental_Price
116      FROM Books
117      WHERE Status = 'yes';
118
```

Result Grid  Filter Rows: <input type="text"/> Export:  Wrap Cell Content: 			
	Book_title	Category	Rental_Price
▶	Introduction to SQL	Programming	10.99
	Data Structures and Algorithms	Computer Science	12.99
	The Great Gatsby	Fiction	8.99
	Chemistry Essentials	Science	15.99





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

```
119      -- 2. List the employee names and their respective salaries in descending order of salary.  
120 •    SELECT Emp_name, Salary  
121      FROM Employee  
122      ORDER BY Salary DESC;  
123
```

<		
Result Grid		
Filter Rows: <input type="text"/>		
Export:  Wrap Cell Content: 		
	Emp_name	Salary
▶	John Doe	50001.00
	Bob Johnson	45000.00
	Alice Williams	42000.00
	Jane Smith	40000.00





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

```
124      -- 3. Retrieve the book titles and the corresponding customers who have issued those books.
125 •    SELECT b.Book_title, i.Issued_cust AS Customer_Id, c.Customer_name
126      FROM IssueStatus i
127      JOIN Books b ON i.Isbn_book = b.ISBN
128      JOIN Customer c ON i.Issued_cust = c.Customer_Id;
129
```

<			
Result Grid   Filter Rows: <input type="text"/> Export:  Wrap Cell Content: 			
	Book_title	Customer_Id	Customer_name
▶	Introduction to SQL	301	Alice Johnson
	Data Structures and Algorithms	302	Bob Williams
	The Great Gatsby	303	Charlie Davis
	Chemistry Essentials	304	Diana Miller

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

```
131      -- 4. Display the total count of books in each category.  
132 •    SELECT Category, COUNT(*) AS Total_Count  
133      FROM Books  
134      GROUP BY Category;  
135
```

<		
Result Grid		 Filter Rows: <input type="text"/>
Export: 		Wrap Cell Content: 
	Category	Total_Count
▶	Programming	1
	Computer Science	1
	Fiction	1
	Science	1

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





```
136  -- 5. Retrieve the employee names and their positions for the employees whose salaries are above Rs.50,000.  
137  •  SELECT Emp_name, Position  
138      FROM Employee  
139      WHERE Salary > 50000;  
140
```

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

	Emp_name	Position
▶	John Doe	Manager





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

```
141      -- 6. List the customer names who registered before 2022-01-01 and have not issued any books yet.  
142 •    SELECT Customer_name  
143      FROM Customer  
144      WHERE Reg_date < '2022-01-01' AND Customer_Id NOT IN (SELECT Issued_cust FROM IssueStatus);  
145
```

Result Grid				Filter Rows: <input type="text"/>	Export: 	Wrap Cell Content: 
	Customer_name					

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

```
146      -- 7. Display the branch numbers and the total count of employees in each branch.  
147 •    SELECT Branch_no, COUNT(*) AS Total_Employees  
148      FROM Employee  
149      GROUP BY Branch_no;  
150
```

<		
Result Grid		 Filter Rows: <input type="text"/>
Export: 		Wrap Cell Content: 
	Branch_no	Total_Employees
▶	1	1
	2	1
	3	1
	4	1


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


```
150
151  -- 8. Display the names of customers who have issued books in the month of June 2023.
152 •  SELECT DISTINCT c.Customer_name
153      FROM Customer c
154      JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust
155      WHERE MONTH(i.Issue_date) = 6 AND YEAR(i.Issue_date) = 2023;
156
```


Result Grid		Filter Rows:	Export:	Wrap Cell Content:
Customer_name				
▶ Bob Williams				


9. Retrieve book_title from book table containing history.


```
156
157  -- 9. Retrieve book_title from book table containing history.
158 •  SELECT Book_title
159     FROM Books
160     WHERE Category = 'History';
161
```



Result Grid 

 Filter Rows:

Export: 

Wrap Cell Content: 

Book_title

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

```
162  -- 10. Retrieve the branch numbers along with the count of employees for branches having more than 5 employees.  
163  •  SELECT Branch_no, COUNT(*) AS Total_Employees  
164     FROM Employee  
165     GROUP BY Branch_no  
166     HAVING Total_Employees > 5;  
167
```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
Branch_no	Total_Employees			