

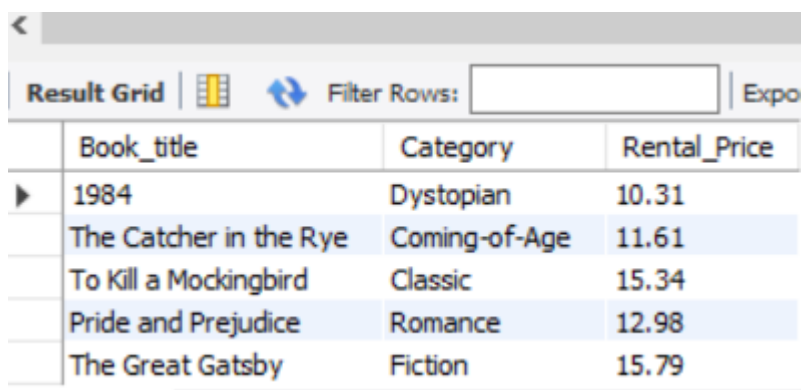
Library Management System

1 . CREATE DATABASE library;

✓ 20 23:10:33 CREATE DATABASE library

Queries

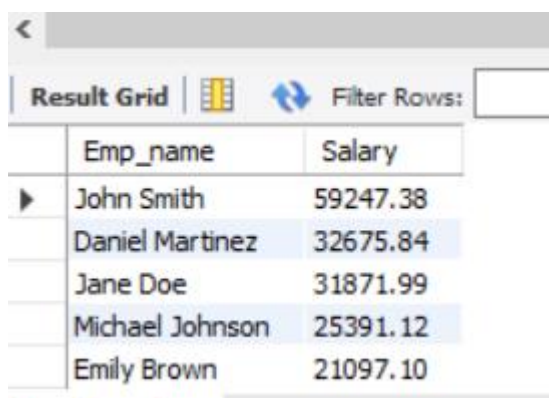
1. Retrieve the book title, category, and rental price of all available books.



The screenshot shows a database query result grid with a header row and five data rows. The header row has columns: Book_title, Category, and Rental_Price. The data rows contain the following information:

Book_title	Category	Rental_Price
1984	Dystopian	10.31
The Catcher in the Rye	Coming-of-Age	11.61
To Kill a Mockingbird	Classic	15.34
Pride and Prejudice	Romance	12.98
The Great Gatsby	Fiction	15.79

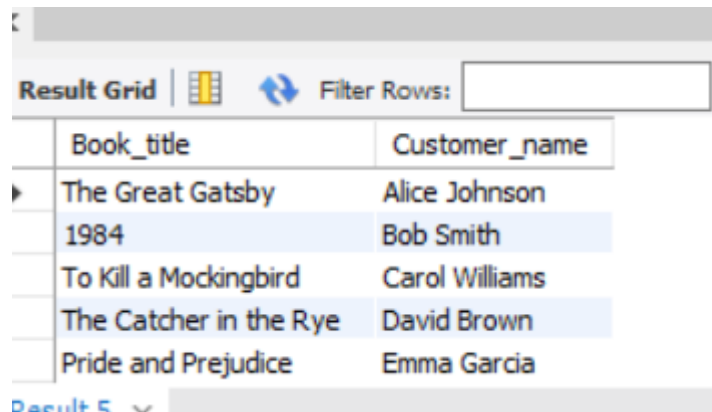
2. List the employee names and their respective salaries in descending order of salary.



The screenshot shows a database query result grid with a header row and five data rows. The header row has columns: Emp_name and Salary. The data rows contain the following information, sorted by salary in descending order:

Emp_name	Salary
John Smith	59247.38
Daniel Martinez	32675.84
Jane Doe	31871.99
Michael Johnson	25391.12
Emily Brown	21097.10

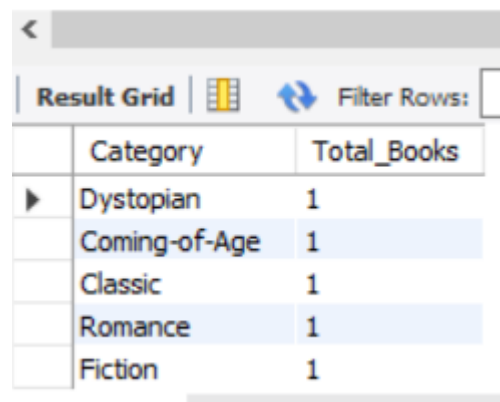
3. Retrieve the book titles and the corresponding customers who have issued those books



The screenshot shows a database query result grid with two columns: 'Book_title' and 'Customer_name'. The grid contains six rows of data. The interface includes a 'Result Grid' tab, a 'Filter Rows' input field, and a 'Result 5' label at the bottom.

Book_title	Customer_name
The Great Gatsby	Alice Johnson
1984	Bob Smith
To Kill a Mockingbird	Carol Williams
The Catcher in the Rye	David Brown
Pride and Prejudice	Emma Garcia

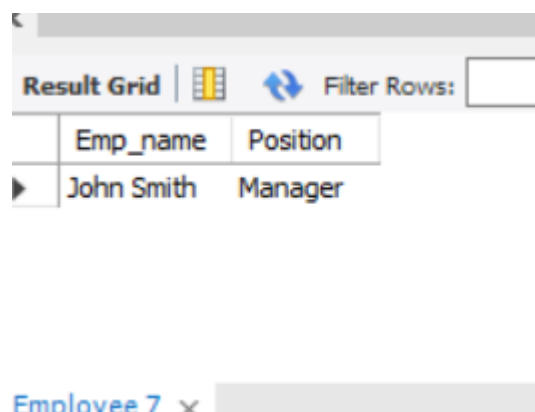
4. Display the total count of books in each category.



The screenshot shows a database query result grid with two columns: 'Category' and 'Total_Books'. The grid contains five rows of data. The interface includes a 'Result Grid' tab, a 'Filter Rows' input field, and a 'Result 6' label at the bottom.

Category	Total_Books
Dystopian	1
Coming-of-Age	1
Classic	1
Romance	1
Fiction	1

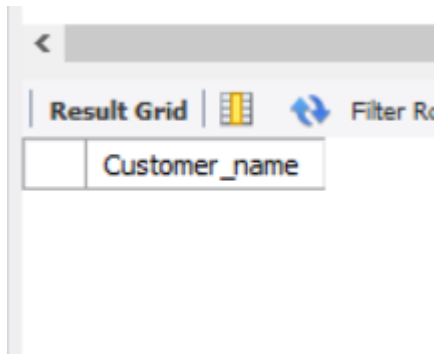
5. Retrieve the employee names and their positions for the employees whose salaries are above Rs. 50,000.



The screenshot shows a database query result grid with two columns: 'Emp_name' and 'Position'. The grid contains one row of data. The interface includes a 'Result Grid' tab, a 'Filter Rows' input field, and an 'Employee 7' label at the bottom.

Emp_name	Position
John Smith	Manager

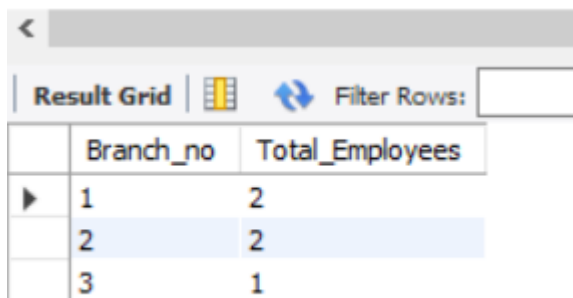
6. List the customer names who registered before 2022-01-01 and have not issued any books yet.



The screenshot shows a database query result grid. At the top, there is a back arrow and a search bar. Below that, the text "Result Grid" is followed by a grid icon and a "Filter Rows" button. The main area of the grid displays a single column header "Customer_name".

Customer_name

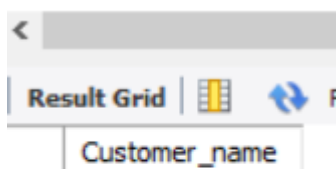
7. Display the branch numbers and the total count of employees in each branch.



The screenshot shows a database query result grid. At the top, there is a back arrow and a search bar. Below that, the text "Result Grid" is followed by a grid icon and a "Filter Rows" button. The main area of the grid displays two columns: "Branch_no" and "Total_Employees". There are three rows of data.

Branch_no	Total_Employees
1	2
2	2
3	1

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



The screenshot shows a database query result grid. At the top, there is a back arrow and a search bar. Below that, the text "Result Grid" is followed by a grid icon and a "Filter Rows" button. The main area of the grid displays a single column header "Customer_name".

Customer_name

9. Retrieve `Book_title` from the `Books` table containing "history".

<	
Result Grid	Filter Rows
Book_title	
Pride and Prejudice	

10. Retrieve the branch numbers along with the count of employees for branches having more than 1 employees.

<	
Result Grid	Filter Rows
Branch_no	Total_Employees
1	2
2	2



11. Retrieve the names of employees who manage branches and their respective branch addresses.

<	
Result Grid	Filter Rows
Emp_name	Branch_address
John Smith	123 Main St

12. Display the names of customers who have issued books with a rental price higher than Rs. 2.

<

Result Grid

 Filter Rows

	Customer_name
▶	Bob Smith
	David Brown
	Carol Williams
	Emma Garcia
	Alice Johnson

Result 33 ×