



LIBRARY MANAGEMENT SYSTEM




Output of different queries

Tables created

1. Branch

Result Grid



Filter Rows:

Edit:




	BRANCH_NO	MANAGER_ID	BRANCH_ADDRESS	CONTACT_NO
▶	101	2001	123 Main St	5551234567
	102	2002	456 Elm St	5557890123
	103	2003	789 Oak St	5554567890
	104	2004	1011 Pine St	5552468135
	105	2005	1314 Spruce St	5559876543
●	NULL	NULL	NULL	NULL

BRANCH 1
×

2. Employee

Result Grid

Edit:

Export/Import:

	EMP_ID	EMP_NAME	POSITION	SALARY	BRANCH_NO
▶	2001	John Smith	Branch Manager	75000.00	101
	2002	Jane Doe	Librarian	50000.00	102
	2003	Michael Lee	Assistant Librarian	40000.00	103
	2004	Sarah Jones	Shelving Assistant	30000.00	104
	2005	David Miller	Customer Service Representative	35000.00	105
●	NULL	NULL	NULL	NULL	NULL

EMPLOYEE 2

×

3. Books

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

	ISBN	BOOK_TITLE	CATEGORY	RENTAL_PRICE	STATUS	AUTHOR	PUBLISHER
▶	9780061120084	To Kill a Mockingbird	Fiction	7.00	YES	Harper Lee	HarperCollins
	9780140444486	The Lord of the Rings	Fantasy	10.00	YES	J. R. R. Tolkien	Houghton Mifflin Harcourt
	9780316069471	Pride and Prejudice	Romance	8.00	NO	Jane Austen	Penguin Classics
	9780385490747	The Hitchhiker's Guide to the Galaxy	Science Fiction	9.00	YES	Douglas Adams	Pan Macmillan
	9780446670704	Harry Potter and the Sorcerer's Stone	Fantasy	5.00	NO	J. K. Rowling	Scholastic Inc.
•	NULL	NULL	NULL	NULL	NULL	NULL	NULL

BOOKS 3

×

4. Customer

Result Grid	Filter Rows:	Edit:	Export
CUSTOMER_ID	CUSTOMER_NAME	CUSTOMER_ADDRESS	REG_DATE
3001	Alice Brown	234 Maple Ave	2023-01-10
3002	Bob Johnson	567 Elm St	2022-12-01
3003	Charlie Williams	890 Oak St	2023-02-15
3004	Diana Davis	1213 Pine St	2021-08-20
3005	Ethan Garcia	1516 Elm st	2023-09-30
NULL	NULL	NULL	NULL

CUSTOMER 4 x

5. IssueStatus

Result Grid	Filter Rows:	Edit:	Export/Import:	Wr
ISSUE_ID	ISSUED_CUST	ISSUE_BOOK_NAME	ISSUE_DATE	ISBN_BOOK
4001	3001	The Lord of the Rings	2023-02-20	9780140444486
4002	3002	To Kill a Mockingbird	2023-04-15	9780061120084
4003	3003	The Hitchhiker's Guide to the Galaxy	2023-07-01	9780385490747
NULL	NULL	NULL	NULL	NULL

ISSUESTATUS 5 x

6. ReturnStatus

Result Grid					
		Filter Rows:		Edit:	
				Export/Import:	
	RETURN_ID	RETURN_CUST	RETURN_BOOK_NAME	RETURN_DATE	ISBN_BOOK2
★	NULL	NULL	NULL	NULL	NULL

RETURNSTATUS 6 x

Questions

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

Result Grid			
		Filter Rows:	
		Export:	
		Wrap Cell	
	BOOK_TITLE	CATEGORY	RENTAL_PRICE
▶	To Kill a Mockingbird	Fiction	7.00
	The Lord of the Rings	Fantasy	10.00
	The Hitchhiker's Guide to the Galaxy	Science Fiction	9.00




BOOKS 7 x


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

Result Grid   Filter Rows: <input type="text"/>		
	EMP_NAME	SALARY
▶	John Smith	75000.00
	Jane Doe	50000.00
	Michael Lee	40000.00
	David Miller	35000.00
	Sarah Jones	30000.00

EMPLOYEE 8 

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

Result Grid   Filter Rows: <input type="text"/> Export: 		
	ISSUE_BOOK_NAME	CUSTOMER_NAME
▶	The Lord of the Rings	Alice Brown
	To Kill a Mockingbird	Bob Johnson
	The Hitchhiker's Guide to the Galaxy	Charlie Williams

Result 9 

- Display the count of books in each category.

Result Grid			Filter Rows:
	CATEGORY	Total_No_of_Books	
▶	Fiction	1	
	Fantasy	2	
	Romance	1	
	Science Fiction	1	

Result 10 ×

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

Result Grid			Filter Rows:
	EMP_NAME	POSITION	
▶	John Smith	Branch Manager	

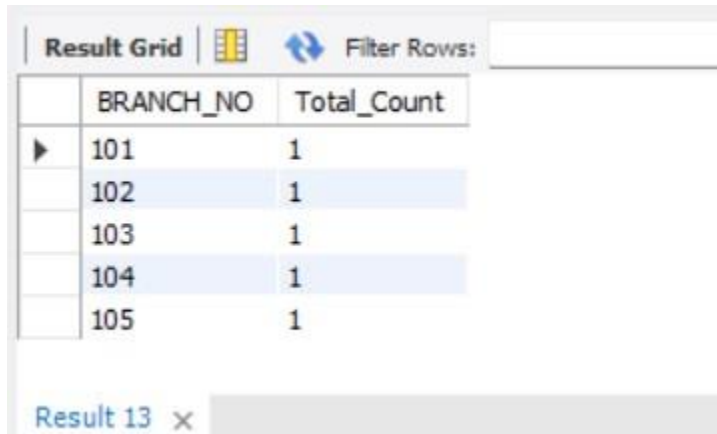
EMPLOYEE 11 ×

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

Result Grid		Filter Rows:
	CUSTOMER_NAME	
▶	Diana Davis	

CUSTOMER 12 ×

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

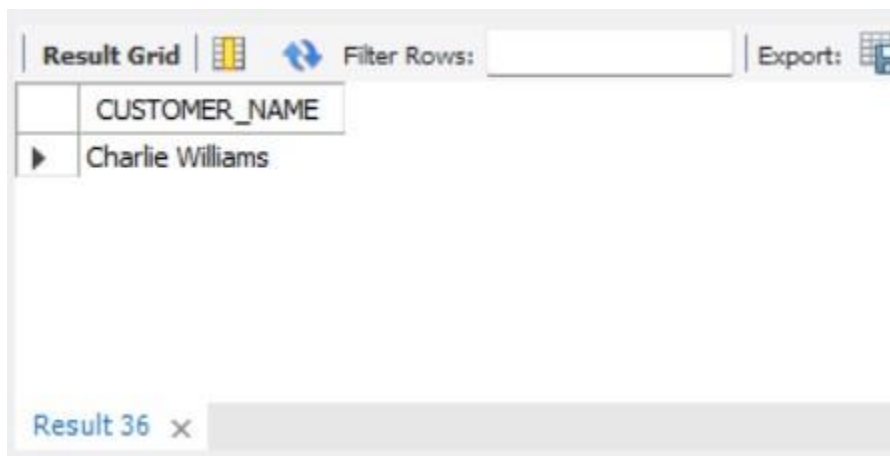


The screenshot shows a SQL query result grid with two columns: 'BRANCH_NO' and 'Total_Count'. The grid contains five rows of data. The interface includes a 'Result Grid' tab, a 'Filter Rows' input field, and a 'Result 13' label with a close button.

	BRANCH_NO	Total_Count
▶	101	1
	102	1
	103	1
	104	1
	105	1

Result 13 ×

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



The screenshot shows a SQL query result grid with one column: 'CUSTOMER_NAME'. The grid contains one row of data: 'Charlie Williams'. The interface includes a 'Result Grid' tab, a 'Filter Rows' input field, an 'Export' button, and a 'Result 36' label with a close button.

	CUSTOMER_NAME
▶	Charlie Williams

Result 36 ×

9. Retrieve book_title from book table containing history.

