

SQL File 41 library manager SQLAdditions

Limit to 1000 rows

```

1  -- Create the database
2  CREATE DATABASE library;
3
4  -- Use the library database
5  USE library;
6
7  -- Create the Branch table
8  CREATE TABLE Branch (
9      Branch_no INT PRIMARY KEY,
10     Manager_Id INT,
11     Branch_address VARCHAR(50),
12     Contact_no VARCHAR(20)
13 );
14
15 -- Create the Employee table
16 CREATE TABLE Employee (
17     Emp_Id INT PRIMARY KEY,
18     Emp_name VARCHAR(50)

```

Set limit for number of rows returned by queries.
Workbench will automatically add the LIMIT clause with the configured number of rows to SELECT queries.

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	12:31:05	USE library	0 row(s) affected	0.000 sec
2	12:31:31	CREATE TABLE Branch (Branch_no INT PRIMARY KEY, Manager_Id INT, Branch_address VARCHAR(50), ...	0 row(s) affected	0.188 sec
3	12:31:54	CREATE TABLE Employee (Emp_Id INT PRIMARY KEY, Emp_name VARCHAR(50), Position VARCHAR(50), ...	0 row(s) affected	0.156 sec
4	12:32:16	CREATE TABLE Books (ISBN VARCHAR(20) PRIMARY KEY, Book_title VARCHAR(100), Category VARCHAR...	0 row(s) affected	0.125 sec
5	12:33:04	CREATE TABLE Customer (Customer_Id INT PRIMARY KEY, Customer_name VARCHAR(50), Customer_addr...	0 row(s) affected	0.125 sec
6	12:33:20	CREATE TABLE IssueStatus (Issue_Id INT PRIMARY KEY, Issued_cust INT, Issued_book_name VARCHAR...	0 row(s) affected	0.187 sec
7	12:33:32	CREATE TABLE ReturnStatus (Return_Id INT PRIMARY KEY, Return_cust INT, Return_book_name VARCHAR...	0 row(s) affected	0.063 sec

SQL File 41 library manager SQLAdditions

Limit to 1000 rows

```

65 #1 Retrieve the book title, category, and rental price of all available books.
66 SELECT Book_title, Category, Rental_Price
67 FROM Books
68 WHERE Status = 'yes';

```

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	12:31:05	USE library	0 row(s) affected	0.000 sec
2	12:31:31	CREATE TABLE Branch (Branch_no INT PRIMARY KEY, Manager_Id INT, Branch_address VARCHAR(50), ...	0 row(s) affected	0.188 sec
3	12:31:54	CREATE TABLE Employee (Emp_Id INT PRIMARY KEY, Emp_name VARCHAR(50), Position VARCHAR(50), ...	0 row(s) affected	0.156 sec
4	12:32:16	CREATE TABLE Books (ISBN VARCHAR(20) PRIMARY KEY, Book_title VARCHAR(100), Category VARCHAR...	0 row(s) affected	0.125 sec
5	12:33:04	CREATE TABLE Customer (Customer_Id INT PRIMARY KEY, Customer_name VARCHAR(50), Customer_addr...	0 row(s) affected	0.125 sec
6	12:33:20	CREATE TABLE IssueStatus (Issue_Id INT PRIMARY KEY, Issued_cust INT, Issued_book_name VARCHAR...	0 row(s) affected	0.187 sec
7	12:33:32	CREATE TABLE ReturnStatus (Return_Id INT PRIMARY KEY, Return_cust INT, Return_book_name VARCHAR...	0 row(s) affected	0.063 sec
8	12:40:54	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes' LIMIT 0, 1000	0 row(s) returned	0.015 sec / 0.000 sec

Books1 x

Read Only Context Help Snippets

SQL File 41 library manager SQLAdditions

Limit to 1000 rows

```

70 #2 List the employee names and their respective salaries in descending order of salary.
71 SELECT Emp_name, Salary
72 FROM Employee
73 ORDER BY Salary DESC;

```

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	12:31:05	USE library	0 row(s) affected	0.000 sec
2	12:31:31	CREATE TABLE Branch (Branch_no INT PRIMARY KEY, Manager_Id INT, Branch_address VARCHAR(50), ...	0 row(s) affected	0.188 sec
3	12:31:54	CREATE TABLE Employee (Emp_Id INT PRIMARY KEY, Emp_name VARCHAR(50), Position VARCHAR(50), ...	0 row(s) affected	0.156 sec
4	12:32:16	CREATE TABLE Books (ISBN VARCHAR(20) PRIMARY KEY, Book_title VARCHAR(100), Category VARCHAR...	0 row(s) affected	0.125 sec
5	12:33:04	CREATE TABLE Customer (Customer_Id INT PRIMARY KEY, Customer_name VARCHAR(50), Customer_addr...	0 row(s) affected	0.125 sec
6	12:33:20	CREATE TABLE IssueStatus (Issue_Id INT PRIMARY KEY, Issued_cust INT, Issued_book_name VARCHAR...	0 row(s) affected	0.187 sec
7	12:33:32	CREATE TABLE ReturnStatus (Return_Id INT PRIMARY KEY, Return_cust INT, Return_book_name VARCHAR...	0 row(s) affected	0.063 sec
8	12:40:54	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes' LIMIT 0, 1000	0 row(s) returned	0.015 sec / 0.000 sec
9	12:42:44	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

Employee2 x

Read Only Context Help Snippets

SQL File 41library managerSQLAdditions

Limit to 1000 rows

SQL Additions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

73 ORDER BY Salary DESC;

74 #3 Retrieve the book titles and the corresponding customers who have issued those books.

75 • SELECT b.Book_title, c.Customer_name

76 FROM Books b

77 JOIN IssueStatus i ON b.ISBN = i.Isbn_book

78 JOIN Customer c ON i.Issued_cust = c.Customer_Id;

79

Result Grid

Filter Rows

Exports

Wrap Cell Contents

Result Grid

Result 3

Read Only

Context Help

Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	12:31:05	USE library	0 row(s) affected	0.000 sec
2	12:31:31	CREATE TABLE Branch (Branch_no INT PRIMARY KEY, Manager_Id INT, Branch_address VARCHAR(50), ...	0 row(s) affected	0.188 sec
3	12:31:54	CREATE TABLE Employee (Emp_Id INT PRIMARY KEY, Emp_name VARCHAR(50), Position VARCHAR(50)...	0 row(s) affected	0.156 sec
4	12:32:16	CREATE TABLE Books (ISBN VARCHAR(20) PRIMARY KEY, Book_title VARCHAR(100), Category VARCH...	0 row(s) affected	0.125 sec
5	12:33:04	CREATE TABLE Customer (Customer_Id INT PRIMARY KEY, Customer_name VARCHAR(50), Customer_add...	0 row(s) affected	0.125 sec
6	12:33:20	CREATE TABLE IssueStatus (Issue_Id INT PRIMARY KEY, Issued_cust INT, Issued_book_name VARCHA...	0 row(s) affected	0.187 sec
7	12:33:32	CREATE TABLE ReturnStatus (Return_Id INT PRIMARY KEY, Return_cust INT, Return_book_name VARC...	0 row(s) affected	0.063 sec
8	12:40:54	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes' LIMIT 0, 1000	0 row(s) returned	0.015 sec / 0.000 sec
9	12:42:44	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
10	12:44:42	SELECT b.Book_title, c.Customer_name FROM Books b JOIN IssueStatus i ON b.ISBN = i.Isbn_book JOIN Customer ...	0 row(s) returned	0.000 sec / 0.000 sec

SQL File 41library managerSQLAdditions

Limit to 1000 rows

SQL Additions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

78 JOIN Customer c ON i.Issued_cust = c.Customer_Id;

79

80 #4 Display the total count of books in each category.

81 • SELECT Category, COUNT(*) AS Total_Books

82 FROM Books

83 GROUP BY Category;

84

Result Grid

Filter Rows

Exports

Wrap Cell Contents

Result Grid

Result 4

Read Only

Context Help

Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	12:31:05	USE library	0 row(s) affected	0.000 sec
2	12:31:31	CREATE TABLE Branch (Branch_no INT PRIMARY KEY, Manager_Id INT, Branch_address VARCHAR(50), ...	0 row(s) affected	0.188 sec
3	12:31:54	CREATE TABLE Employee (Emp_Id INT PRIMARY KEY, Emp_name VARCHAR(50), Position VARCHAR(50)...	0 row(s) affected	0.156 sec
4	12:32:16	CREATE TABLE Books (ISBN VARCHAR(20) PRIMARY KEY, Book_title VARCHAR(100), Category VARCH...	0 row(s) affected	0.125 sec
5	12:33:04	CREATE TABLE Customer (Customer_Id INT PRIMARY KEY, Customer_name VARCHAR(50), Customer_add...	0 row(s) affected	0.125 sec
6	12:33:20	CREATE TABLE IssueStatus (Issue_Id INT PRIMARY KEY, Issued_cust INT, Issued_book_name VARCHA...	0 row(s) affected	0.187 sec
7	12:33:32	CREATE TABLE ReturnStatus (Return_Id INT PRIMARY KEY, Return_cust INT, Return_book_name VARC...	0 row(s) affected	0.063 sec
8	12:40:54	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes' LIMIT 0, 1000	0 row(s) returned	0.015 sec / 0.000 sec
9	12:42:44	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
10	12:44:42	SELECT b.Book_title, c.Customer_name FROM Books b JOIN IssueStatus i ON b.ISBN = i.Isbn_book JOIN Customer ...	0 row(s) returned	0.000 sec / 0.000 sec
11	12:47:12	SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

SQL File 41 library manager SQLAdditions

Limit to 1000 rows

```

83 GROUP BY Category;
84
85 #5 Retrieve the employee names and their positions for the employees whose salaries are above Rs.50,000.
86 • SELECT Emp_name, Position
87 FROM Employee
88 WHERE Salary > 50000;
89

```

Result Grid Filter Rows: Exports: Wrap Cell Contents:

Emp_name Position

Employee 5 x Read Only Context Help Snippets

Output

#	Time	Action	Message	Duration / Fetch
1	12:31:05	USE library	0 row(s) affected	0.000 sec
2	12:31:31	CREATE TABLE Branch (Branch_no INT PRIMARY KEY, Manager_Id INT, Branch_address VARCHAR(50), ...	0 row(s) affected	0.188 sec
3	12:31:54	CREATE TABLE Employee (Emp_Id INT PRIMARY KEY, Emp_name VARCHAR(50), Position VARCHAR(50), ...	0 row(s) affected	0.156 sec
4	12:32:16	CREATE TABLE Books (ISBN VARCHAR(20) PRIMARY KEY, Book_title VARCHAR(100), Category VARCHAR(50), ...	0 row(s) affected	0.125 sec
5	12:33:04	CREATE TABLE Customer (Customer_Id INT PRIMARY KEY, Customer_name VARCHAR(50), Customer_address VARCHAR(50), ...	0 row(s) affected	0.125 sec
6	12:33:20	CREATE TABLE IssueStatus (Issue_Id INT PRIMARY KEY, Issued_cust INT, Issued_book_name VARCHAR(50), ...	0 row(s) affected	0.187 sec
7	12:33:32	CREATE TABLE ReturnStatus (Return_Id INT PRIMARY KEY, Return_cust INT, Return_book_name VARCHAR(50), ...	0 row(s) affected	0.063 sec
8	12:40:54	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes' LIMIT 0, 1000	0 row(s) returned	0.015 sec / 0.000 sec
9	12:42:44	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
10	12:44:42	SELECT b.Book_title, c.Customer_name FROM Books b JOIN IssueStatus i ON b.ISBN = i.Issued_book_name JOIN Customer c ON i.Issued_cust = c.Customer_Id	0 row(s) returned	0.000 sec / 0.000 sec
11	12:47:12	SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
12	14:01:38	SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

SQL File 41 library manager SQLAdditions

Limit to 1000 rows

```

89
90 #6 List the customer names who registered before 2022-01-01 and have not issued any books yet.
91 • SELECT c.Customer_name
92 FROM Customer c
93 LEFT JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust
94 WHERE c.Reg_date < '2022-01-01' AND i.Issued_cust IS NULL;
95

```

Result Grid Filter Rows: Exports: Wrap Cell Contents:

Customer_name

Result 6 x Read Only Context Help Snippets

Output

#	Time	Action	Message	Duration / Fetch
2	12:31:31	CREATE TABLE Branch (Branch_no INT PRIMARY KEY, Manager_Id INT, Branch_address VARCHAR(50), ...	0 row(s) affected	0.188 sec
3	12:31:54	CREATE TABLE Employee (Emp_Id INT PRIMARY KEY, Emp_name VARCHAR(50), Position VARCHAR(50), ...	0 row(s) affected	0.156 sec
4	12:32:16	CREATE TABLE Books (ISBN VARCHAR(20) PRIMARY KEY, Book_title VARCHAR(100), Category VARCHAR(50), ...	0 row(s) affected	0.125 sec
5	12:33:04	CREATE TABLE Customer (Customer_Id INT PRIMARY KEY, Customer_name VARCHAR(50), Customer_address VARCHAR(50), ...	0 row(s) affected	0.125 sec
6	12:33:20	CREATE TABLE IssueStatus (Issue_Id INT PRIMARY KEY, Issued_cust INT, Issued_book_name VARCHAR(50), ...	0 row(s) affected	0.187 sec
7	12:33:32	CREATE TABLE ReturnStatus (Return_Id INT PRIMARY KEY, Return_cust INT, Return_book_name VARCHAR(50), ...	0 row(s) affected	0.063 sec
8	12:40:54	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes' LIMIT 0, 1000	0 row(s) returned	0.015 sec / 0.000 sec
9	12:42:44	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
10	12:44:42	SELECT b.Book_title, c.Customer_name FROM Books b JOIN IssueStatus i ON b.ISBN = i.Issued_book_name JOIN Customer c ON i.Issued_cust = c.Customer_Id	0 row(s) returned	0.000 sec / 0.000 sec
11	12:47:12	SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
12	14:01:38	SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
13	14:04:06	SELECT c.Customer_name FROM Customer c LEFT JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust WHERE c.Reg_date < '2022-01-01' AND i.Issued_cust IS NULL	0 row(s) returned	0.016 sec / 0.000 sec

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

SQL File 41 library manager SQLAdditions

Limit to 1000 rows

```

94 WHERE c.Reg_date < '2022-01-01' AND i.Issued_cust IS NULL;
95
96 #7 Display the branch numbers and the total count of employees in each branch.
97 • SELECT Branch_no, COUNT(*) AS Total_Employees
98 FROM Employee
99 GROUP BY Branch_no;
100

```

Result Grid Filter Rows: Exports: Wrap Cell Contents: Result Grid

Result 7 x Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
3	12:31:54	CREATE TABLE Employee (Emp_id INT PRIMARY KEY, Emp_name VARCHAR(50), Position VARCHAR(50))	0 row(s) affected	0.156 sec
4	12:32:16	CREATE TABLE Books (ISBN VARCHAR(20) PRIMARY KEY, Book_title VARCHAR(100), Category VARCHAR(50))	0 row(s) affected	0.125 sec
5	12:33:04	CREATE TABLE Customer (Customer_id INT PRIMARY KEY, Customer_name VARCHAR(50), Customer_address VARCHAR(50))	0 row(s) affected	0.125 sec
6	12:33:20	CREATE TABLE IssueStatus (Issue_id INT PRIMARY KEY, Issued_cust INT, Issued_book_name VARCHAR(100))	0 row(s) affected	0.187 sec
7	12:33:32	CREATE TABLE ReturnStatus (Return_id INT PRIMARY KEY, Return_cust INT, Return_book_name VARCHAR(100))	0 row(s) affected	0.063 sec
8	12:40:54	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes' LIMIT 0, 1000	0 row(s) returned	0.015 sec / 0.000 sec
9	12:42:44	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
10	12:44:42	SELECT b.Book_title, c.Customer_name FROM Books b JOIN IssueStatus i ON b.ISBN = i.Issued_book_name JOIN Customer c ON i.Issued_cust = c.Customer_id	0 row(s) returned	0.000 sec / 0.000 sec
11	12:47:12	SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
12	14:01:38	SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
13	14:04:06	SELECT c.Customer_name FROM Customer c LEFT JOIN IssueStatus i ON c.Customer_id = i.Issued_cust WHERE i.Issued_cust IS NULL	0 row(s) returned	0.016 sec / 0.000 sec
14	14:05:22	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

SQL File 41 library manager SQLAdditions

Limit to 1000 rows

```

100
101 #8 Display the names of customers who have issued books in the month of June 2023.
102 • SELECT c.Customer_name
103 FROM Customer c
104 JOIN IssueStatus i ON c.Customer_id = i.Issued_cust
105 WHERE MONTH(i.Issue_date) = 6 AND YEAR(i.Issue_date) = 2023;
106

```

Result Grid Filter Rows: Exports: Wrap Cell Contents: Result Grid

Result 8 x Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
4	12:32:16	CREATE TABLE Books (ISBN VARCHAR(20) PRIMARY KEY, Book_title VARCHAR(100), Category VARCHAR(50))	0 row(s) affected	0.125 sec
5	12:33:04	CREATE TABLE Customer (Customer_id INT PRIMARY KEY, Customer_name VARCHAR(50), Customer_address VARCHAR(50))	0 row(s) affected	0.125 sec
6	12:33:20	CREATE TABLE IssueStatus (Issue_id INT PRIMARY KEY, Issued_cust INT, Issued_book_name VARCHAR(100))	0 row(s) affected	0.187 sec
7	12:33:32	CREATE TABLE ReturnStatus (Return_id INT PRIMARY KEY, Return_cust INT, Return_book_name VARCHAR(100))	0 row(s) affected	0.063 sec
8	12:40:54	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes' LIMIT 0, 1000	0 row(s) returned	0.015 sec / 0.000 sec
9	12:42:44	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
10	12:44:42	SELECT b.Book_title, c.Customer_name FROM Books b JOIN IssueStatus i ON b.ISBN = i.Issued_book_name JOIN Customer c ON i.Issued_cust = c.Customer_id	0 row(s) returned	0.000 sec / 0.000 sec
11	12:47:12	SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
12	14:01:38	SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
13	14:04:06	SELECT c.Customer_name FROM Customer c LEFT JOIN IssueStatus i ON c.Customer_id = i.Issued_cust WHERE i.Issued_cust IS NULL	0 row(s) returned	0.016 sec / 0.000 sec
14	14:05:22	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
15	14:06:49	SELECT c.Customer_name FROM Customer c JOIN IssueStatus i ON c.Customer_id = i.Issued_cust WHERE MONTH(i.Issue_date) = 6 AND YEAR(i.Issue_date) = 2023	0 row(s) returned	0.000 sec / 0.000 sec

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

SQL File 41 library manager SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

```

105 WHERE MONTH(i.Issue_date) = 6 AND YEAR(i.Issue_date) = 2023;
106
107 #9 Retrieve book_title from the book table containing 'history'.
108 • SELECT Book_title
109 FROM Books
110 WHERE Book_title LIKE '%history%';
111

```

Result Grid Filter Rows: Export: Wrap Cell Contents: Result Grid

Books 9 x Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
5	12:33:04	CREATE TABLE Customer (Customer_Id INT PRIMARY KEY, Customer_name VARCHAR(50), Customer_a...	0 row(s) affected	0.125 sec
6	12:33:20	CREATE TABLE IssueStatus (Issue_Id INT PRIMARY KEY, Issued_cust INT, Issued_book_name VARCH...	0 row(s) affected	0.187 sec
7	12:33:32	CREATE TABLE ReturnStatus (Return_Id INT PRIMARY KEY, Return_cust INT, Return_book_name VAR...	0 row(s) affected	0.063 sec
8	12:40:54	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes' LIMIT 0, 1000	0 row(s) returned	0.015 sec / 0.000 sec
9	12:42:44	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
10	12:44:42	SELECT b.Book_title, c.Customer_name FROM Books b JOIN IssueStatus i ON b.ISBN = i.Ibn_book JOIN Custom...	0 row(s) returned	0.000 sec / 0.000 sec
11	12:47:12	SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
12	14:01:38	SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
13	14:04:06	SELECT c.Customer_name FROM Customer c LEFT JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust WHERE...	0 row(s) returned	0.016 sec / 0.000 sec
14	14:05:22	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
15	14:06:49	SELECT c.Customer_name FROM Customer c JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust WHERE MON...	0 row(s) returned	0.000 sec / 0.000 sec
16	14:08:12	SELECT Book_title FROM Books WHERE Book_title LIKE '%history%'; LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

SQL File 41 library manager SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

```

111
112 #10 Retrieve the branch numbers along with the count of employees for branches having more than 5 employees.
113 • SELECT Branch_no, COUNT(*) AS Total_Employees
114 FROM Employee
115 GROUP BY Branch_no
116 HAVING COUNT(*) > 5;
117

```

Result Grid Filter Rows: Export: Wrap Cell Contents: Result Grid

Result 10 x Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
6	12:33:20	CREATE TABLE IssueStatus (Issue_Id INT PRIMARY KEY, Issued_cust INT, Issued_book_name VARCH...	0 row(s) affected	0.187 sec
7	12:33:32	CREATE TABLE ReturnStatus (Return_Id INT PRIMARY KEY, Return_cust INT, Return_book_name VAR...	0 row(s) affected	0.063 sec
8	12:40:54	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes' LIMIT 0, 1000	0 row(s) returned	0.015 sec / 0.000 sec
9	12:42:44	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
10	12:44:42	SELECT b.Book_title, c.Customer_name FROM Books b JOIN IssueStatus i ON b.ISBN = i.Ibn_book JOIN Custom...	0 row(s) returned	0.000 sec / 0.000 sec
11	12:47:12	SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
12	14:01:38	SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
13	14:04:06	SELECT c.Customer_name FROM Customer c LEFT JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust WHERE...	0 row(s) returned	0.016 sec / 0.000 sec
14	14:05:22	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
15	14:06:49	SELECT c.Customer_name FROM Customer c JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust WHERE MON...	0 row(s) returned	0.000 sec / 0.000 sec
16	14:08:12	SELECT Book_title FROM Books WHERE Book_title LIKE '%history%'; LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
17	14:09:21	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no HAVING COUNT(*) ...	0 row(s) returned	0.000 sec / 0.000 sec

SQL File 41 Library manager SQL Additions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

```
117
118 #11 Retrieve the names of employees who manage branches and their respective branch addresses.
119 • SELECT e.Emp_name, b.Branch_address
120 FROM Employee e
121 JOIN Branch b ON e.Branch_no = b.Branch_no
122 WHERE e.Position = 'Manager';
123
```

Result Grid Filter Rows: Exports: Wrap Cell Contents:

Emp_name Branch_address

Result 11 x Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
7	12:33:32	CREATE TABLE ReturnStatus (Return_id INT PRIMARY KEY, Return_cust INT, Return_book_name VAR...	0 row(s) affected	0.063 sec
8	12:40:54	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes' LIMIT 0, 1000	0 row(s) returned	0.015 sec / 0.000 sec
9	12:42:44	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
10	12:44:42	SELECT b.Book_title, c.Customer_name FROM Books b JOIN IssueStatus i ON b.ISBN = i.Isbn_book JOIN Custom...	0 row(s) returned	0.000 sec / 0.000 sec
11	12:47:12	SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
12	14:01:38	SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
13	14:04:06	SELECT c.Customer_name FROM Customer c LEFT JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust WHERE...	0 row(s) returned	0.016 sec / 0.000 sec
14	14:05:22	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
15	14:06:49	SELECT c.Customer_name FROM Customer c JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust WHERE MON...	0 row(s) returned	0.000 sec / 0.000 sec
16	14:08:12	SELECT Book_title FROM Books WHERE Book_title LIKE "%history%" LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
17	14:09:21	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no HAVING COUNT(*) ...	0 row(s) returned	0.000 sec / 0.000 sec
18	14:10:39	SELECT e.Emp_name, b.Branch_address FROM Employee e JOIN Branch b ON e.Branch_no = b.Branch_no WHE...	0 row(s) returned	0.016 sec / 0.000 sec

SQL File 41 Library manager SQL Additions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

```
124 #12 Display the names of customers who have issued books with a rental price higher than Rs. 25.
125 • SELECT c.Customer_name
126 FROM Customer c
127 JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust
128 JOIN Books b ON i.Isbn_book = b.ISBN
129 WHERE b.Rental_Price > 25;
130
```

Result Grid Filter Rows: Exports: Wrap Cell Contents:

Customer_name

Result 12 x Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
8	12:40:54	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes' LIMIT 0, 1000	0 row(s) returned	0.015 sec / 0.000 sec
9	12:42:44	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
10	12:44:42	SELECT b.Book_title, c.Customer_name FROM Books b JOIN IssueStatus i ON b.ISBN = i.Isbn_book JOIN Custom...	0 row(s) returned	0.000 sec / 0.000 sec
11	12:47:12	SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
12	14:01:38	SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
13	14:04:06	SELECT c.Customer_name FROM Customer c LEFT JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust WHERE...	0 row(s) returned	0.016 sec / 0.000 sec
14	14:05:22	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
15	14:06:49	SELECT c.Customer_name FROM Customer c JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust WHERE MON...	0 row(s) returned	0.000 sec / 0.000 sec
16	14:08:12	SELECT Book_title FROM Books WHERE Book_title LIKE "%history%" LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
17	14:09:21	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no HAVING COUNT(*) ...	0 row(s) returned	0.000 sec / 0.000 sec
18	14:10:39	SELECT e.Emp_name, b.Branch_address FROM Employee e JOIN Branch b ON e.Branch_no = b.Branch_no WHE...	0 row(s) returned	0.016 sec / 0.000 sec
19	14:11:51	SELECT c.Customer_name FROM Customer c JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust JOIN Books b ...	0 row(s) returned	0.000 sec / 0.000 sec