

SQL File 41* SQLAdditions

```

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(50)
13 );

```

Output

Action Output	#	Time	Action	Message	Duration / Fetch
	1	21:24:51	CREATE DATABASE library	1 row(s) affected	0.016 sec
	2	21:24:55	USE library	0 row(s) affected	0.000 sec
	3	21:24:59	CREATE TABLE Branch (Branch_no INT PRIMARY KEY, Manager_Id INT, Branch_address VARCHAR(50), Contact_no VARCHAR(50));	0 row(s) affected	0.140 sec

Context Help Snippets

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* SQLAdditions

```

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(50)
13 );
14 • INSERT INTO Branch (Branch_no, Manager_Id, Branch_address, Contact_no)
VALUES
16 (1, 101, '42 MG Road, Ernakulam, Kerala', '0484123456'),
17 (2, 102, '15 Convent Road, Thrissur, Kerala', '0487654321'),
18 (3, 103, '27 Chittoor Road, Kochi, Kerala', '0484987654'),
19 (4, 104, '108 NH Bypass, Kozhikode, Kerala', '0495321456'),
20 (5, 105, '69 Bund Road, Thiruvananthapuram, Kerala', '0471654987'),
21 (6, 106, '31 Mahatma Gandhi Road, Kollam, Kerala', '0474123789'),
22 (7, 107, '18 Mission Quarters Road, Kottayam, Kerala', '0481456123'),
23 (8, 108, '56 Marine Drive, Alappuzha, Kerala', '0477789456'),
24 (9, 109, '83 Kaloor-Kadavathra Road, Ernakulam, Kerala', '0484123789'),
25 (10, 110, '24 Baker Road, Pathanamthitta, Kerala', '0468456123');
26
27 • select * from branch;
28

```

Output

Action Output	#	Time	Action	Message	Duration / Fetch
	1	21:24:51	CREATE DATABASE library	1 row(s) affected	0.016 sec
	2	21:24:55	USE library	0 row(s) affected	0.000 sec
	3	21:24:59	CREATE TABLE Branch (Branch_no INT PRIMARY KEY, Manager_Id INT, Branch_address VARCHAR(50), Contact_no VARCHAR(50));	0 row(s) affected	0.140 sec
	4	21:28:54	INSERT INTO Branch (Branch_no, Manager_Id, Branch_address, Contact_no) VALUES (1, 101, '42 MG Road, Ernakulam, Kerala', '0484123456')	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.078 sec

Context Help Snippets

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* SQLAdditions

```

17 (2, 102, '15 Convent Road, Thrissur, Kerala', '0487654321'),
18 (3, 103, '27 Chittoor Road, Kochi, Kerala', '0484987654'),
19 (4, 104, '108 NH Bypass, Kozhikode, Kerala', '0495321456'),
20 (5, 105, '69 Bund Road, Thiruvananthapuram, Kerala', '0471654987'),
21 (6, 106, '31 Mahatma Gandhi Road, Kollam, Kerala', '0474123789'),
22 (7, 107, '18 Mission Quarters Road, Kottayam, Kerala', '0481456123'),
23 (8, 108, '56 Marine Drive, Alappuzha, Kerala', '0477789456'),
24 (9, 109, '83 Kaloor-Kadavathra Road, Ernakulam, Kerala', '0484123789'),
25 (10, 110, '24 Baker Road, Pathanamthitta, Kerala', '0468456123');
26
27 • select * from branch;
28

```

Result Grid

Branch_no	Manager_Id	Branch_address	Contact_no
1	101	42 MG Road, Ernakulam, Kerala	0484123456
2	102	15 Convent Road, Thrissur, Kerala	0487654321
3	103	27 Chittoor Road, Kochi, Kerala	0484987654
4	104	108 NH Bypass, Kozhikode, Kerala	0495321456
5	105	69 Bund Road, Thiruvananthapuram, Kerala	0471654987
6	106	31 Mahatma Gandhi Road, Kollam, Kerala	0474123789
7	107	18 Mission Quarters Road, Kottayam, Kerala	0481456123
8	108	56 Marine Drive, Alappuzha, Kerala	0477789456
9	109	83 Kaloor-Kadavathra Road, Ernakulam, Kerala	0484123789
10	110	24 Baker Road, Pathanamthitta, Kerala	0468456123

Form Editor

Field Types

branch 1 x

Output

Action Output	#	Time	Action	Message	Duration / Fetch
	2	21:24:55	USE library	0 row(s) affected	0.000 sec
	3	21:24:59	CREATE TABLE Branch (Branch_no INT PRIMARY KEY, Manager_Id INT, Branch_address VARCHAR(50), Contact_no VARCHAR(50));	0 row(s) affected	0.140 sec
	4	21:28:54	INSERT INTO Branch (Branch_no, Manager_Id, Branch_address, Contact_no) VALUES (1, 101, '42 MG Road, Ernakulam, Kerala', '0484123456')	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.078 sec
	5	21:29:47	select * from branch LIMIT 0,1000	10 row(s) returned	0.000 sec / 0.000 sec

Context Help Snippets

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* | SQLAdditions | Jump to

```

38 • CREATE TABLE Employee (
39     Emp_Id INT PRIMARY KEY,
40     Emp_name VARCHAR(50),
41     Position VARCHAR(30),
42     Salary int,
43     Branch_no INT,
44     FOREIGN KEY (Branch_no) REFERENCES Branch(Branch_no)
45 );
46
47 38 • INSERT INTO Employee (Emp_Id, Emp_name, Position, Salary, Branch_no)
48     VALUES
49     (1001, 'toncy vj', 'Manager', 80000, 1),
50     (1002, 'babu tj', 'Assistant Manager', 60000, 2),
51     (1003, 'neethu roy', 'Clerk', 40000, 1),
52     (1004, 'chinnu alaxender', 'Manager', 70000, 4),
53     (1005, 'Emu sajan', 'Cleaning', 30000, 1),
54     (1006, 'nithin', 'Librarian', 40000, 1),
55     (1007, 'tony joseph', 'Assistant Manager', 650000, 7),
56     (1008, 'Michael Alex', 'Clerk', 40000, 2),
57     (1009, 'Sony Mathews', 'Clerk', 40000, 1),
58     (1010, 'vibi varghese', 'Clerk', 40000, 1);
59
60 -- Create the Books table

```

Context Help Snippets

Output:

#	Time	Action	Message	Duration / Fetch
4	21:28:54	INSERT INTO Branch (Branch_no, Manager_Id, Branch_address, Contact_no)	VALUES (1, 101, '42 MG Road, Em... 10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.078 sec
5	21:29:47	select * from branch LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
6	21:31:27	CREATE TABLE Employee (Emp_Id INT PRIMARY KEY, Emp_name VARCHAR(50), Position VARCHAR(30), Salary int, Branch_no INT, FOREIGN KEY (Branch_no) REFERENCES Branch(Branch_no))	0 row(s) affected	0.156 sec
7	21:31:31	INSERT INTO Employee (Emp_Id, Emp_name, Position, Salary, Branch_no) VALUES (1001, 'toncy vj', 'Manager', 80000, 1)	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.094 sec

SQL File 41* | SQLAdditions | Jump to

```

40     (1001, 'toncy vj', 'Manager', 80000, 1),
41     (1002, 'babu tj', 'Assistant Manager', 60000, 2),
42     (1003, 'neethu roy', 'Clerk', 40000, 1),
43     (1004, 'chinnu alaxender', 'Manager', 70000, 4),
44     (1005, 'Emu sajan', 'Cleaning', 30000, 1),
45     (1006, 'nithin', 'Librarian', 40000, 1),
46     (1007, 'tony joseph', 'Assistant Manager', 650000, 7),
47     (1008, 'Michael Alex', 'Clerk', 40000, 2),
48     (1009, 'Sony Mathews', 'Clerk', 40000, 1),
49     (1010, 'vibi varghese', 'Clerk', 40000, 1);
50 • select * from employee

```

Result Grid | Filter Rows: | Edit | Export/Import: | Wrap Cell Content: | Context Help Snippets

Employee ID	Employee Name	Position	Salary	Branch No
1001	toncy vj	Manager	80000	1
1002	babu tj	Assistant Manager	60000	2
1003	neethu roy	Clerk	40000	1
1004	chinnu alaxender	Manager	70000	4
1005	Emu sajan	Cleaning	30000	1
1006	nithin	Librarian	40000	1
1007	tony joseph	Assistant Manager	650000	7
1008	Michael Alex	Clerk	40000	2
1009	Sony Mathews	Clerk	40000	1
1010	vibi varghese	Clerk	40000	1

employee 2 X

Output:

#	Time	Action	Message	Duration / Fetch
5	21:29:47	select * from branch LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
6	21:31:27	CREATE TABLE Employee (Emp_Id INT PRIMARY KEY, Emp_name VARCHAR(50), Position VARCHAR(30), Salary int, Branch_no INT, FOREIGN KEY (Branch_no) REFERENCES Branch(Branch_no))	0 row(s) affected	0.156 sec
7	21:31:31	INSERT INTO Employee (Emp_Id, Emp_name, Position, Salary, Branch_no) VALUES (1001, 'toncy vj', 'Manager', 80000, 1)	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.094 sec
8	21:32:53	select * from employee LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec

SQL File 41* | SQLAdditions | Jump to

```

58 • CREATE TABLE Books (
59     ISBN VARCHAR(20) PRIMARY KEY,
60     Book_title VARCHAR(50),
61     Category VARCHAR(30),
62     Rental_Price int,
63     Status VARCHAR(30),
64     Author VARCHAR(50),
65     Publisher VARCHAR(50)
66 );
67 • INSERT INTO Books (ISBN, Book_title, Category, Rental_Price, Status, Author, Publisher)
68     VALUES
69     ('984764', 'The Lean Startup', 'Business', 28, 'yes', 'Eric Ries', 'Crown Business'),
70     ('789547', 'A Brief History of Humankind', 'History', 22.99, 'no', 'Yuval Noah Harari', 'Harper'),
71     ('412536', 'The Hunger Games', 'Fiction', 34, 'yes', 'Suzanne Collins', 'Scholastic Press'),
72     ('748123', 'The Power of Habit', 'Self-Help', 19.99, 'no', 'Charles Duhigg', 'Random House'),
73     ('102354', 'The Life-Changing Magic of Tidying Up', 'Self-Help', 16.99, 'yes', 'Marie Kondo', 'Ten Speed Press'),
74     ('887421', 'A Brief History of Tomorrow', 'History', 29, 'yes', 'Yuval Noah Harari', 'Harper'),
75     ('884512', 'Catching Fire', 'Fiction', 14.99, 'no', 'Suzanne Collins', 'Scholastic Press'),
76     ('024536', 'The Power of Habit', 'Self-Help', 26, 'yes', 'Charles Duhigg', 'Random House'),
77     ('78910', 'believe in yourself', 'Self-Help', 18.99, 'yes', 'Marie Kondo', 'Ten Speed Press'),
78     ('362419', '21 Lessons for the 21st Century', 'History', 22.99, 'no', 'Yuval Noah Harari', 'Harper')
79

```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
7	21:31:31	INSERT INTO Employee (Emp_Id, Emp_name, Position, Salary, Branch_no) VALUES (1001, 'tony vj', 'Manager', 8...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.094 sec
8	21:32:53	select * from employee LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
9	21:34:30	CREATE TABLE Books (ISBN VARCHAR(20) PRIMARY KEY, Book_title VARCHAR(50), Category VARCH...	0 row(s) affected	0.125 sec
10	21:34:35	INSERT INTO Books (ISBN, Book_title, Category, Rental_Price, Status, Author, Publisher) VALUES ('984764', 'The ...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.094 sec

Context Help Snippets

SQL File 41* | SQLAdditions | Jump to

```

70     ('789547', 'A Brief History of Humankind', 'History', 22.99, 'no', 'Yuval Noah Harari', 'Harper'),
71     ('412536', 'The Hunger Games', 'Fiction', 34, 'yes', 'Suzanne Collins', 'Scholastic Press'),
72     ('748123', 'The Power of Habit', 'Self-Help', 19.99, 'no', 'Charles Duhigg', 'Random House'),
73     ('102354', 'The Life-Changing Magic of Tidying Up', 'Self-Help', 16.99, 'yes', 'Marie Kondo', 'Ten Speed Press'),
74     ('887421', 'A Brief History of Tomorrow', 'History', 29, 'yes', 'Yuval Noah Harari', 'Harper'),
75     ('884512', 'Catching Fire', 'Fiction', 14.99, 'no', 'Suzanne Collins', 'Scholastic Press'),
76     ('024536', 'The Power of Habit', 'Self-Help', 26, 'yes', 'Charles Duhigg', 'Random House'),
77     ('78910', 'believe in yourself', 'Self-Help', 18.99, 'yes', 'Marie Kondo', 'Ten Speed Press'),
78     ('362419', '21 Lessons for the 21st Century', 'History', 22.99, 'no', 'Yuval Noah Harari', 'Harper')
79 • select * from books;
80

```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Contents: | Result Grid | Form Editor | Field Types | Context Help Snippets

ISBN	Book_title	Category	Rental_Price	Status	Author	Publisher
024536	The Power of Habit	Self-Help	26	yes	Charles Duhigg	Random House
102354	The Life-Changing Magic of Tidying Up	Self-Help	17	yes	Marie Kondo	Ten Speed Press
362419	21 Lessons for the 21st Century	History	23	no	Yuval Noah Harari	Harper
412536	The Hunger Games	Fiction	34	yes	Suzanne Collins	Scholastic Press
748123	The Power of Habit	Self-Help	20	no	Charles Duhigg	Random House
78910	believe in yourself	Self-Help	19	yes	Marie Kondo	Ten Speed Press
789547	A Brief History of Humankind	History	23	no	Yuval Noah Harari	Harper
884512	Catching Fire	Fiction	15	no	Suzanne Collins	Scholastic Press
887421	A Brief History of Tomorrow	History	29	yes	Yuval Noah Harari	Harper
984764	The Lean Startup	Business	28	yes	Eric Ries	Crown Business

books 3 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
8	21:32:53	select * from employee LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
9	21:34:30	CREATE TABLE Books (ISBN VARCHAR(20) PRIMARY KEY, Book_title VARCHAR(50), Category VARCH...	0 row(s) affected	0.125 sec
10	21:34:35	INSERT INTO Books (ISBN, Book_title, Category, Rental_Price, Status, Author, Publisher) VALUES ('984764', 'The ...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.094 sec
11	21:35:47	select * from books LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec

Context Help Snippets

SQL File 41* | SQLAdditions | Jump to | Context Help | Snippets

```

82 • CREATE TABLE Customer (
83     Customer_Id INT PRIMARY KEY,
84     Customer_name VARCHAR(50),
85     Customer_address VARCHAR(50),
86     Reg_date DATE
87 );
88 • INSERT INTO Customer (Customer_Id, Customer_name, Customer_address, Reg_date)
VALUES
90     (1, 'minnu alexander','123 tower road kollam','2021-05-11'),
91     (2, 'anu sn', ' nh bypass city tower','2024-05-12'),
92     (3, 'toncy vj', 'srenarayananpuram temple road','2020-05-13'),
93     (4, 'tony vj','convent road254','2021-05-14'),
94     (5, 'manu varghese','mahannagandhi road ekm','2018-05-15'),
95     (6, 'vibi varghese','gandhi tower near moham hospital','2023-05-16'),
96     (7, 'chinu alexander','marine mall kollam','2019-05-17'),
97     (8, 'ancy john','gandhi bavan thankey','2023-05-18'),
98     (9, 'ponnu simon','bakary road punnapuzha','2022-05-19'),
99     (10, 'neethu cy','st jude church ekm','2023-05-20');
100

```

Action Output

#	Time	Action	Message	Duration / Fetch
7	21:31:31	INSERT INTO Employee (Emp_Id, Emp_name, Position, Salary, Branch_no) VALUES (1001, toncy vj, 'Manager', 80000, 1)	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.094 sec
8	21:32:53	select * from employee LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
9	21:34:30	CREATE TABLE Books (ISBN VARCHAR(20) PRIMARY KEY, Book_title VARCHAR(50), Category VARCHAR(50), Rental_Price DECIMAL(10,2), Status CHAR(1), Author VARCHAR(50), Publisher VARCHAR(50))	0 row(s) affected	0.125 sec
10	21:34:35	INSERT INTO Books (ISBN, Book_title, Category, Rental_Price, Status, Author, Publisher) VALUES ('984764', 'The Alchemist', 'Fiction', 12.99, 'Completed', 'Paulo Coelho', 'HarperCollins')	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.094 sec
11	21:35:47	select * from books LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
12	21:36:44	CREATE TABLE Customer (Customer_Id INT PRIMARY KEY, Customer_name VARCHAR(50), Customer_address VARCHAR(50), Reg_date DATE)	0 row(s) affected	0.125 sec
13	21:36:56	INSERT INTO Customer (Customer_Id, Customer_name, Customer_address, Reg_date) VALUES (1, 'minnu alexander','123 tower road kollam','2021-05-11')	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.078 sec

Output

```

92     (3, 'toncy vj', 'srenarayananpuram temple road','2020-05-13'),
93     (4, 'tony vj','convent road254','2021-05-14'),
94     (5, 'manu varghese','mahannagandhi road ekm','2018-05-15'),
95     (6, 'vibi varghese','gandhi tower near moham hospital','2023-05-16'),
96     (7, 'chinu alexander','marine mall kollam','2019-05-17'),
97     (8, 'ancy john','gandhi bavan thankey','2023-05-18'),
98     (9, 'ponnu simon','bakary road punnapuzha','2022-05-19'),
99     (10, 'neethu cy','st jude church ekm','2023-05-20');

100 • select * from customer;

```

Result Grid

Customer_Id	Customer_name	Customer_address	Reg_date
1	minnu alexander	123 tower road kollam	2021-05-11
2	anu sn	nh bypass city tower	2024-05-12
3	toncy vj	srenarayananpuram temple road	2020-05-13
4	tony vj	convent road254	2021-05-14
5	manu varghese	mahannagandhi road ekm	2018-05-15
6	vibi varghese	gandhi tower near moham hospital	2023-05-16
7	chinu alexander	marine mall kollam	2019-05-17
8	ancy john	gandhi bavan thankey	2023-05-18

Action Output

#	Time	Action	Message	Duration / Fetch
8	21:32:53	select * from employee LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
9	21:34:30	CREATE TABLE Books (ISBN VARCHAR(20) PRIMARY KEY, Book_title VARCHAR(50), Category VARCHAR(50), Rental_Price DECIMAL(10,2), Status CHAR(1), Author VARCHAR(50), Publisher VARCHAR(50))	0 row(s) affected	0.125 sec
10	21:34:35	INSERT INTO Books (ISBN, Book_title, Category, Rental_Price, Status, Author, Publisher) VALUES ('984764', 'The Alchemist', 'Fiction', 12.99, 'Completed', 'Paulo Coelho', 'HarperCollins')	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.094 sec
11	21:35:47	select * from books LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
12	21:36:44	CREATE TABLE Customer (Customer_Id INT PRIMARY KEY, Customer_name VARCHAR(50), Customer_address VARCHAR(50), Reg_date DATE)	0 row(s) affected	0.125 sec
13	21:36:56	INSERT INTO Customer (Customer_Id, Customer_name, Customer_address, Reg_date) VALUES (1, 'minnu alexander','123 tower road kollam','2021-05-11')	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.078 sec
14	21:38:05	select * from customer LIMIT 0, 1000	10 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* | SQLAdditions | Jump to

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

```

104 • CREATE TABLE IssueStatus (
105     Issue_Id INT PRIMARY KEY,
106     Issued_cust INT,
107     Issued_book_name VARCHAR(50),
108     Issue_date DATE,
109     ISBN_book VARCHAR(30),
110     FOREIGN KEY (Issued_cust) REFERENCES Customer(Customer_Id),
111     FOREIGN KEY (ISBN_book) REFERENCES Books(ISBN)
112 );
113 • INSERT INTO IssueStatus (Issue_Id, Issued_cust, Issued_book_name, Issue_date, ISBN_book)
114     VALUES
115     (1, 1, 'The Lean Startup', '2023-06-01', '984764'),
116     (2, 2, 'A Brief History of Humankind', '2023-05-05', '789547'),
117     (3, 3, 'The Hunger Games', '2023-06-10', '412536'),
118     (4, 4, 'The Power of Habit', '2023-05-15', '748123'),
119     (5, 5, 'The Life-Changing Magic of Tidying Up', '2023-05-20', '102354'),
120     (6, 6, 'A Brief History of Tomorrow', '2018-05-25', '887421'),
121     (7, 7, 'Catching Fire', '2023-05-30', '884512'),
122     (8, 8, 'The Power of Habit', '2023-06-04', '024536'),
123     (9, 9, 'believe in yourself', '2023-06-08', '78910'),
124     (10, 10, '21 Lessons for the 21st Century', '2023-06-12', '362419');

```

Context Help | Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
12	21:36:44	CREATE TABLE Customer (Customer_Id INT PRIMARY KEY, Customer_name VARCHAR(50), Customer_a...)	0 row(s) affected	0.125 sec
13	21:36:56	INSERT INTO Customer (Customer_Id, Customer_name, Customer_address, Reg_date) VALUES (1, 'minnu alexand...', '123 Main Street, Anytown, USA', '2023-05-01')	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.078 sec
14	21:38:05	select * from customer LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
15	21:38:53	CREATE TABLE IssueStatus (Issue_Id INT PRIMARY KEY, Issued_cust INT, Issued_book_name VARCHAR(50), Issue_date DATE, ISBN_book VARCHAR(30))	0 row(s) affected	0.078 sec
16	21:41:21	INSERT INTO IssueStatus (Issue_Id, Issued_cust, Issued_book_name, Issue_date, ISBN_book) VALUES (1, 1, 'The Lean Startup', '2023-06-01', '984764')	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.016 sec

SQL File 41* | SQLAdditions | Jump to

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

```

116     (2, 2, 'A Brief History of Humankind', '2023-05-05', '789547'),
117     (3, 3, 'The Hunger Games', '2023-06-10', '412536') Set limit for number of rows returned.
118     Workbench will automatically add the LIMIT clause with the configured number of rows to SELECT queries.
119     (4, 4, 'The Power of Habit', '2023-05-15', '748123'),
120     (5, 5, 'The Life-Changing Magic of Tidying Up', '2023-05-20', '102354'),
121     (6, 6, 'A Brief History of Tomorrow', '2018-05-25', '887421'),
122     (7, 7, 'Catching Fire', '2023-05-30', '884512'),
123     (8, 8, 'The Power of Habit', '2023-06-04', '024536'),
124     (9, 9, 'believe in yourself', '2023-06-08', '78910'),
125 • select * from issuestatus;

```

Result Grid | Filter Rows: | Export/Import: | Wrap Cell Content: | Result Grid | Form Editor

Issue_Id	Issued_cust	Issued_book_name	Issue_date	ISBN_book
1	1	The Lean Startup	2023-06-01	984764
2	2	A Brief History of Humankind	2023-05-05	789547
3	3	The Hunger Games	2023-06-10	412536
4	4	The Power of Habit	2023-05-15	748123
5	5	The Life-Changing Magic of Tidying Up	2023-05-20	102354
6	6	A Brief History of Tomorrow	2018-05-25	887421
7	7	Catching Fire	2023-05-30	884512
8	8	The Power of Habit	2023-06-04	024536
9	9	believe in yourself	2023-06-08	78910

issuestatus 5 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
13	21:36:56	INSERT INTO Customer (Customer_Id, Customer_name, Customer_address, Reg_date) VALUES (1, 'minnu alexand...', '123 Main Street, Anytown, USA', '2023-05-01')	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.078 sec
14	21:38:05	select * from customer LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
15	21:38:53	CREATE TABLE IssueStatus (Issue_Id INT PRIMARY KEY, Issued_cust INT, Issued_book_name VARCHAR(50), Issue_date DATE, ISBN_book VARCHAR(30))	0 row(s) affected	0.078 sec
16	21:41:21	INSERT INTO IssueStatus (Issue_Id, Issued_cust, Issued_book_name, Issue_date, ISBN_book) VALUES (1, 1, 'The Lean Startup', '2023-06-01', '984764')	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.016 sec
17	21:42:34	select * from issuestatus LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec

-- Create the ReturnStatus table

```

128 • CREATE TABLE ReturnStatus (
129     Return_Id INT PRIMARY KEY,
130     Return_cust INT,
131     Return_book_name VARCHAR(50),
132     Return_date DATE,
133     Isbn_book2 VARCHAR(20),
134     FOREIGN KEY (Return_cust) REFERENCES Customer(Customer_Id),
135     FOREIGN KEY (Isbn_book2) REFERENCES Books(ISBN)
136 );
137
138
139 • INSERT INTO ReturnStatus (Return_Id, Return_cust, Return_book_name, Return_date, Isbn_book2)
140 VALUES
141 (1, 1, 'The Lean Startup', '2023-06-01', '984764'),
142 (2, 2, 'A Brief History of Humankind', '2023-05-05', '789547'),
143 (3, 3, 'The Hunger Games', '2023-05-10', '412536'),
144 (4, 4, 'The Power of Habit', '2023-05-15', '748123'),
145 (5, 5, 'The Life-Changing Magic of Tidying Up', '2023-05-20', '102354'),
146 (6, 6, 'A Brief History of Tomorrow', '2023-05-25', '887421'),
147 (7, 7, 'Catching Fire', '2023-05-30', '884512'),
148 (8, 8, 'The Power of Habit', '2023-06-04', '024536'),
149 (9, 9, 'believe in yourself', '2023-06-08', '78910'),
150 (10, 10, '21 Lessons for the 21st Century', '2023-06-12', '362419')
151

```

Output:

#	Time	Action	Message	Duration / Fetch
17	21:42:34	select * from issuestatus LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
18	21:43:25	CREATE TABLE ReturnStatus (Return_Id INT PRIMARY KEY, Return_cust INT, Return_book_name VAR...)	0 row(s) affected	0.093 sec
19	21:43:36	INSERT INTO ReturnStatus (Return_Id, Return_cust, Return_book_name, Return_date, Isbn_book2) VALUES (1, ..., 10)	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.016 sec

```

141 (1, 1, 'The Lean Startup', '2023-06-01', '984764'),
142 (2, 2, 'A Brief History of Humankind', '2023-05-05', '789547'),
143 (3, 3, 'The Hunger Games', '2023-05-10', '412536'),
144 (4, 4, 'The Power of Habit', '2023-05-15', '748123'),
145 (5, 5, 'The Life-Changing Magic of Tidying Up', '2023-05-20', '102354'),
146 (6, 6, 'A Brief History of Tomorrow', '2023-05-25', '887421'),
147 (7, 7, 'Catching Fire', '2023-05-30', '884512'),
148 (8, 8, 'The Power of Habit', '2023-06-04', '024536'),
149 (9, 9, 'believe in yourself', '2023-06-08', '78910'),
150 (10, 10, '21 Lessons for the 21st Century', '2023-06-12', '362419)
151 • select * from returnstatus;
152

```

Result Grid:

Return_Id	Return_cust	Return_book_name	Return_date	Isbn_book2
1	1	The Lean Startup	2023-06-01	984764
2	2	A Brief History of Humankind	2023-05-05	789547
3	3	The Hunger Games	2023-05-10	412536
4	4	The Power of Habit	2023-05-15	748123
5	5	The Life-Changing Magic of Tidying Up	2023-05-20	102354
6	6	A Brief History of Tomorrow	2023-05-25	887421
7	7	Catching Fire	2023-05-30	884512
8	8	The Power of Habit	2023-06-04	024536
9	9	believe in yourself	2023-06-08	78910
10	10	21 Lessons for the 21st Century	2023-06-12	362419

Output:

#	Time	Action	Message	Duration / Fetch
18	21:43:25	CREATE TABLE ReturnStatus (Return_Id INT PRIMARY KEY, Return_cust INT, Return_book_name VAR...)	0 row(s) affected	0.093 sec
19	21:43:36	INSERT INTO ReturnStatus (Return_Id, Return_cust, Return_book_name, Return_date, Isbn_book2) VALUES (1, ..., 10)	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.016 sec
20	21:46:11	select * from returnstatus LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec

SQL File 41* | SQL Additions | < | > | ⌂ | ⌂ | Jump to

```

153
154  #1 Retrieve the book title, category, and rental price of all available books
155 •   SELECT Book_title, Category, Rental_Price
156   FROM Books
157   WHERE Status = 'yes';
158

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Result Grid | Form Editor | Read Only | Context Help | Snippets

Book_title	Category	Rental_Price
The Power of Habit	Self-Help	26
The Life-Changing Magic of Tidying Up	Self-Help	17
The Hunger Games	Fiction	34
believe in yourself	Self-Help	19
A Brief History of Tomorrow	History	29
The Lean Startup	Business	28

Books 7 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
12	21:36:44	CREATE TABLE Customer (Customer_Id INT PRIMARY KEY, Customer_name VARCHAR(50), Customer_address VARCHAR(100), Reg_date DATE)	0 row(s) affected	0.125 sec
13	21:36:56	INSERT INTO Customer (Customer_Id, Customer_name, Customer_address, Reg_date) VALUES (1, 'mnnu alexander', 'Kottayam', '2023-01-01')	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.078 sec
14	21:38:05	select * from customer LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
15	21:38:53	CREATE TABLE Issue_Status (Issue_Id INT PRIMARY KEY, Issued_cust INT, Issued_book_name VARCHAR(50), Issue_date DATE, ISBN_book VARCHAR(13))	0 row(s) affected	0.078 sec
16	21:41:21	INSERT INTO Issue_Status (Issue_Id, Issued_cust, Issued_book_name, Issue_date, ISBN_book) VALUES (1, 1, 'The Power of Habit', '2023-01-01', '9780307466885')	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.016 sec
17	21:42:34	select * from issuestatus LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
18	21:43:25	CREATE TABLE Return_Status (Return_Id INT PRIMARY KEY, Return_cust INT, Return_book_name VARCHAR(50), Return_date DATE, ISBN_book2 VARCHAR(13))	0 row(s) affected	0.093 sec
19	21:43:36	INSERT INTO Return_Status (Return_Id, Return_cust, Return_book_name, Return_date, ISBN_book2) VALUES (1, 1, 'The Power of Habit', '2023-01-01', '9780307466885')	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.016 sec
20	21:46:11	select * from returnstatus LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
21	21:48:19	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes' LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec

SQL File 41* | SQL Additions | < | > | ⌂ | ⌂ | Jump to

```

159
160
161  #2 list the employee names and their respective salaries in descending order of salary
162 •   SELECT Emp_name, Salary
163   FROM Employee
164   ORDER BY Salary DESC;
165

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Result Grid | Form Editor | Read Only | Context Help | Snippets

Emp_name	Salary
tony joseph	650000
toncy vj	80000
chinnu alexander	70000
babu tj	60000
neethu roy	40000
nithin	40000
Michael Alex	40000
Sonv Mathews	40000

Employee 8 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
13	21:36:56	INSERT INTO Customer (Customer_Id, Customer_name, Customer_address, Reg_date) VALUES (1, 'mnnu alexander', 'Kottayam', '2023-01-01')	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.078 sec
14	21:38:05	select * from customer LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
15	21:38:53	CREATE TABLE Issue_Status (Issue_Id INT PRIMARY KEY, Issued_cust INT, Issued_book_name VARCHAR(50), Issue_date DATE, ISBN_book VARCHAR(13))	0 row(s) affected	0.078 sec
16	21:41:21	INSERT INTO Issue_Status (Issue_Id, Issued_cust, Issued_book_name, Issue_date, ISBN_book) VALUES (1, 1, 'The Power of Habit', '2023-01-01', '9780307466885')	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.016 sec
17	21:42:34	select * from issuestatus LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
18	21:43:25	CREATE TABLE Return_Status (Return_Id INT PRIMARY KEY, Return_cust INT, Return_book_name VARCHAR(50), Return_date DATE, ISBN_book2 VARCHAR(13))	0 row(s) affected	0.093 sec
19	21:43:36	INSERT INTO Return_Status (Return_Id, Return_cust, Return_book_name, Return_date, ISBN_book2) VALUES (1, 1, 'The Power of Habit', '2023-01-01', '9780307466885')	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.016 sec
20	21:46:11	select * from returnstatus LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
21	21:48:19	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes' LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
22	21:50:22	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	10 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.

```

165
166  #3 retrieve the book titles and the corresponding customers who have issued those books:
167 •   SELECT b.Book_title, c.Customer_name
168   FROM Books b
169   JOIN IssueStatus i ON b.ISBN = i.Iisbn_book
170   JOIN Customer c ON i.Issued_cust = c.Customer_Id;

```

Result Grid

Book_title	Customer_name
The Power of Habit	ancy john
The Life-Changing Magic of Tidying Up	manu varghese
21Lessons for the 21st Century	neethu cy
The Hunger Games	toncy vj
The Power of Habit	tony vj
belive in yourself	ponnu simon
A Brief History of Humankind	anu sn
Catching Fire	chinnu alexander

Result 9 ×

Output

Action Output

#	Time	Action	Message	Duration / Fetch
14	21:38:05	select * from customer LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
15	21:38:53	CREATE TABLE IssueStatus (Issue_Id INT PRIMARY KEY, Issued_cust INT, Issued_book_name VARCHAR(255), Issue_date DATE, Iisbn_book INT)	0 row(s) affected	0.078 sec
16	21:41:21	INSERT INTO IssueStatus (Issue_Id, Issued_cust, Issued_book_name, Issue_date, Iisbn_book) VALUES (1, 1, 'The Power of Habit', '2018-01-01', 1)	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.016 sec
17	21:42:34	select * from issuestatus LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
18	21:43:25	CREATE TABLE ReturnStatus (Return_Id INT PRIMARY KEY, Return_cust INT, Return_book_name VARCHAR(255), Return_date DATE, Iisbn_book2 INT)	0 row(s) affected	0.093 sec
19	21:43:36	INSERT INTO ReturnStatus (Return_Id, Return_cust, Return_book_name, Return_date, Iisbn_book2) VALUES (1, 1, 'The Power of Habit', '2018-01-01', 1)	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.016 sec
20	21:46:11	select * from returnstatus LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
21	21:48:19	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes' LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
22	21:50:22	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
23	21:51:33	SELECT b.Book_title, c.Customer_name FROM Books b JOIN IssueStatus i ON b.ISBN = i.Iisbn_book JOIN Customer c ON i.Issued_cust = c.Customer_Id	10 row(s) returned	0.000 sec / 0.000 sec

SQL File 41* × SQLAdditions

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

```

171
172  #4 display the total count of books in each category:
173 •   SELECT Category, COUNT(*) AS Total_Books
174   FROM Books
175   GROUP BY Category;
176

```

Result Grid

Category	Total_Books
Self-Help	4
History	3
Fiction	2
Business	1

Result 10 ×

Output

Action Output

#	Time	Action	Message	Duration / Fetch
15	21:38:53	CREATE TABLE IssueStatus (Issue_Id INT PRIMARY KEY, Issued_cust INT, Issued_book_name VARCHAR(255), Issue_date DATE, Iisbn_book INT)	0 row(s) affected	0.078 sec
16	21:41:21	INSERT INTO IssueStatus (Issue_Id, Issued_cust, Issued_book_name, Issue_date, Iisbn_book) VALUES (1, 1, 'The Power of Habit', '2018-01-01', 1)	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.016 sec
17	21:42:34	select * from issuestatus LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
18	21:43:25	CREATE TABLE ReturnStatus (Return_Id INT PRIMARY KEY, Return_cust INT, Return_book_name VARCHAR(255), Return_date DATE, Iisbn_book2 INT)	0 row(s) affected	0.093 sec
19	21:43:36	INSERT INTO ReturnStatus (Return_Id, Return_cust, Return_book_name, Return_date, Iisbn_book2) VALUES (1, 1, 'The Power of Habit', '2018-01-01', 1)	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.016 sec
20	21:46:11	select * from returnstatus LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
21	21:48:19	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes' LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
22	21:50:22	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
23	21:51:33	SELECT b.Book_title, c.Customer_name FROM Books b JOIN IssueStatus i ON b.ISBN = i.Iisbn_book JOIN Customer c ON i.Issued_cust = c.Customer_Id	10 row(s) returned	0.000 sec / 0.000 sec
24	21:52:21	SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

SQL File 41* Comprehensive (1) comprehensiv

```

168 # list the customer names who registered before 2022-01-01 and have not issued any books yet:
169 • SELECT c.Customer_name
170   FROM Customer c
171   LEFT JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust
172 WHERE c.Reg_date < '2022-01-01' AND i.Issued_cust IS NULL;
173
174
175
176
177
178
179
180
181
182
183

```

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

Customer_name

Result 6 ×

Output

Action Output

#	Time	Action	Message	Duration / Fetch
58	22:06:39	CREATE TABLE IssueStatus (Issue_Id INT PRIMARY KEY, Issued_cust INT, Issued_book_name VARCHAR...)	0 row(s) affected	0.063 sec
59	22:06:44	INSERT INTO IssueStatus (Issue_Id, Issued_cust, Issued_book_name, Issue_date, isbn_book) VALUES (1, 1, 'The... 10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0)	0.094 sec	
60	22:06:50	CREATE TABLE ReturnStatus (Return_Id INT PRIMARY KEY, Return_cust INT, Return_book_name VAR...)	0 row(s) affected	0.125 sec
61	22:06:57	INSERT INTO ReturnStatus (Return_Id, Return_cust, Return_book_name, Return_date, isbn_book2) VALUES (1, ... 10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0)	0.093 sec	
62	22:07:01	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = yes LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
63	22:07:08	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
64	22:07:14	SELECT b.Book_title, c.Customer_name FROM Books b JOIN IssueStatus i ON b.ISBN = i.isbn_book JOIN Custom... 10 row(s) returned	0.000 sec / 0.000 sec	
65	22:07:21	SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
66	22:07:27	SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
67	22:07:40	SELECT c.Customer_name FROM Customer c LEFT JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust WHERE... 0 row(s) returned	0.000 sec / 0.000 sec	

SQL File 41* Comprehensive (1) comprehensiv

```

177 #7 display the branch numbers and the total count of employees in each branch:
178 • SELECT Branch_no, COUNT(*) AS Total_Emp. Set limit for number of rows returned by queries.
179   FROM Employee
180   GROUP BY Branch_no;
181
182
183

```

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

Branch_no	Total_Employees
1	6
2	2
4	1
7	1

Result 7 ×

Output

Action Output

#	Time	Action	Message	Duration / Fetch
57	22:06:33	INSERT INTO Customer (Customer_Id, Customer_name, Customer_address, Reg_date) VALUES (1, 'minnu alexand... 10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0)	0.094 sec	
58	22:06:39	CREATE TABLE IssueStatus (Issue_Id INT PRIMARY KEY, Issued_cust INT, Issued_book_name VARCHAR...)	0 row(s) affected	0.063 sec
59	22:06:44	INSERT INTO IssueStatus (Issue_Id, Issued_cust, Issued_book_name, Issue_date, isbn_book) VALUES (1, 1, 'The... 10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0)	0.094 sec	
60	22:06:50	CREATE TABLE ReturnStatus (Return_Id INT PRIMARY KEY, Return_cust INT, Return_book_name VAR...)	0 row(s) affected	0.125 sec
61	22:06:57	INSERT INTO ReturnStatus (Return_Id, Return_cust, Return_book_name, Return_date, isbn_book2) VALUES (1, ... 10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0)	0.093 sec	
62	22:07:01	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = yes LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
63	22:07:08	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
64	22:07:14	SELECT b.Book_title, c.Customer_name FROM Books b JOIN IssueStatus i ON b.ISBN = i.isbn_book JOIN Custom... 10 row(s) returned	0.000 sec / 0.000 sec	
65	22:07:21	SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
66	22:07:27	SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
67	22:07:40	SELECT c.Customer_name FROM Customer c LEFT JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust WHERE... 0 row(s) returned	0.000 sec / 0.000 sec	
68	22:10:15	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

SQL File 41* Comprehensive (1) comprehensiv SQLAdditions

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

```

183
184  #8 isplay the names of customers who have issued books in the month of June 2023:
185 •   SELECT c.Customer_name
186   FROM Customer c
187   JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust
188   WHERE MONTH(i.Issue_date) = 6 AND YEAR(i.Issue_date) = 2023;
189

```

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid Read Only Context Help Snippets

Customer_name
minnu alexander
tanay vj
ancy john
ponnu simon
neethu cy

Action Output

#	Time	Action	Message	Duration / Fetch
58	22:06:39	CREATE TABLE IssueStatus (Issue_Id INT PRIMARY KEY, Issued_cust INT, Issued_book_name VARCHAR...	0 row(s) affected	0.063 sec
59	22:06:44	INSERT INTO IssueStatus (Issue_Id, Issued_cust, Issued_book_name, Issue_date, isbn_book) VALUES (1, 1, 'The...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.094 sec
60	22:06:50	CREATE TABLE ReturnStatus (Return_Id INT PRIMARY KEY, Return_cust INT, Return_book_name VARBINARY(100), Return_d...	0 row(s) affected	0.125 sec
61	22:06:57	INSERT INTO ReturnStatus (Return_Id, Return_cust, Return_book_name, Return_date, isbn_book2) VALUES (1, 1, 'The...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.093 sec
62	22:07:01	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes' LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
63	22:07:08	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
64	22:07:14	SELECT b.Book_title, c.Customer_name FROM Books b JOIN IssueStatus i ON b.ISBN = i.isbn_book JOIN Customer c ON i.Issued...	10 row(s) returned	0.000 sec / 0.000 sec
65	22:07:21	SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
66	22:07:27	SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
67	22:07:40	SELECT c.Customer_name FROM Customer c LEFT JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust WHERE MON...	0 row(s) returned	0.000 sec / 0.000 sec
68	22:10:15	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
69	22:13:08	SELECT c.Customer_name FROM Customer c JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust WHERE MON...	5 row(s) returned	0.000 sec / 0.000 sec
70	22:14:19	SELECT Book_title FROM Books WHERE Book_title LIKE '%history%' LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec

SQL File 5* Comprehensive (1) comprehensiv SQLAdditions

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

```

189
190  #9 etrieve book titles from the book table containing 'history':
191 •   SELECT Book_title
192   FROM Books
193   WHERE Book_title LIKE '%history%';
194
195

```

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid Read Only Context Help Snippets

Book_title
A Brief History of Humankind
A Brief History of Tomorrow

Action Output

#	Time	Action	Message	Duration / Fetch
59	22:06:44	INSERT INTO IssueStatus (Issue_Id, Issued_cust, Issued_book_name, Issue_date, isbn_book) VALUES (1, 1, 'The...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.094 sec
60	22:06:50	CREATE TABLE ReturnStatus (Return_Id INT PRIMARY KEY, Return_cust INT, Return_book_name VARBINARY(100), Return_d...	0 row(s) affected	0.125 sec
61	22:06:57	INSERT INTO ReturnStatus (Return_Id, Return_cust, Return_book_name, Return_date, isbn_book2) VALUES (1, 1, 'The...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.093 sec
62	22:07:01	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes' LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
63	22:07:08	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
64	22:07:14	SELECT b.Book_title, c.Customer_name FROM Books b JOIN IssueStatus i ON b.ISBN = i.isbn_book JOIN Customer c ON i.Issued...	10 row(s) returned	0.000 sec / 0.000 sec
65	22:07:21	SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
66	22:07:27	SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
67	22:07:40	SELECT c.Customer_name FROM Customer c LEFT JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust WHERE MON...	0 row(s) returned	0.000 sec / 0.000 sec
68	22:10:15	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
69	22:13:08	SELECT c.Customer_name FROM Customer c JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust WHERE MON...	5 row(s) returned	0.000 sec / 0.000 sec
70	22:14:19	SELECT Book_title FROM Books WHERE Book_title LIKE '%history%' LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec

SQL File 41* Comprehensive (1) comprehensiv... SQLAdditions

```

195
196  #10 retrieve the branch numbers along with the count of employees for branches having more than 5 employees:
197 • SELECT Branch_no, COUNT(*) AS Employee_Count
198   FROM Employee
199   GROUP BY Branch_no
200   HAVING COUNT(*) > 5;
201

```

Result Grid | Filter Rows: Export: Wrap Cell Content: 1A

Branch_no	Employee_Count
1	6

Result 10 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
60	22:06:50	CREATE TABLE ReturnStatus (Return_Id INT PRIMARY KEY, Return_cust INT, Return_book_name VARCHAR(255), Return_date DATE, ISBN_book2 VARCHAR(13), Return_qty INT, Return_Status CHAR(1))	0 row(s) affected	0.125 sec
61	22:06:57	INSERT INTO ReturnStatus (Return_Id, Return_cust, Return_book_name, Return_date, ISBN_book2) VALUES (1, 1, 'Book 1', '2023-06-15', '978-123-456-7890-1', 1)	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.093 sec
62	22:07:01	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes' LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
63	22:07:04	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
64	22:07:14	SELECT b.Book_title, c.Customer_name FROM Books b JOIN IssueStatus i ON b.ISBN = i.ISBN_book JOIN Customers c ON i.Customer_id = c.Customer_id WHERE b.Status = 'yes' AND i.Issued_cust > 50000 LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
65	22:07:21	SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
66	22:07:27	SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
67	22:07:40	SELECT c.Customer_name FROM Customer c LEFT JOIN IssueStatus i ON c.Customer_id = i.Issued_cust WHERE i.Issued_cust > 50000 LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
68	22:10:15	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
69	22:13:08	SELECT c.Customer_name FROM Customer c JOIN IssueStatus i ON c.Customer_id = i.Issued_cust WHERE i.Issued_cust > 50000 LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
70	22:14:19	SELECT Book_title FROM Books WHERE Book_title LIKE '%history%' LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
71	22:15:12	SELECT Branch_no, COUNT(*) AS Employee_Count FROM Employee GROUP BY Branch_no HAVING COUNT(*) > 5	1 row(s) returned	0.000 sec / 0.000 sec
72	22:16:00	SELECT e.Emp_name, b.Branch_address FROM Employee e JOIN Branch b ON e.Branch_no = b.Branch_no WHERE e.Position = 'Manager'	2 row(s) returned	0.000 sec / 0.000 sec

SQL File 41* Comprehensive (1) comprehensiv... SQLAdditions

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

```

202
203  #11 retrieve the names of employees who manage branches and their respective branch addresses:
204 • SELECT e.Emp_name, b.Branch_address
205   FROM Employee e
206   JOIN Branch b ON e.Branch_no = b.Branch_no
207   WHERE e.Position = 'Manager';
208

```

Result Grid | Filter Rows: Export: Wrap Cell Content: 1A

Emp_name	Branch_address
toncy vj	42 MG Road, Ernakulam, Kerala
chinnu alexander	108 NH Bypass, Kozhikode, Kerala

Result 11 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
61	22:06:57	INSERT INTO ReturnStatus (Return_Id, Return_cust, Return_book_name, Return_date, ISBN_book2) VALUES (1, 1, 'Book 1', '2023-06-15', '978-123-456-7890-1')	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.093 sec
62	22:07:01	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes' LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
63	22:07:04	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
64	22:07:14	SELECT b.Book_title, c.Customer_name FROM Books b JOIN IssueStatus i ON b.ISBN = i.ISBN_book JOIN Customers c ON i.Customer_id = c.Customer_id WHERE b.Status = 'yes' AND i.Issued_cust > 50000 LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
65	22:07:21	SELECT Category, COUNT(*) AS Total_Books FROM Books GROUP BY Category LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
66	22:07:27	SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
67	22:07:40	SELECT c.Customer_name FROM Customer c LEFT JOIN IssueStatus i ON c.Customer_id = i.Issued_cust WHERE i.Issued_cust > 50000 LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
68	22:10:15	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
69	22:13:08	SELECT c.Customer_name FROM Customer c JOIN IssueStatus i ON c.Customer_id = i.Issued_cust WHERE i.Issued_cust > 50000 LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
70	22:14:19	SELECT Book_title FROM Books WHERE Book_title LIKE '%history%' LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
71	22:15:12	SELECT Branch_no, COUNT(*) AS Employee_Count FROM Employee GROUP BY Branch_no HAVING COUNT(*) > 5	1 row(s) returned	0.000 sec / 0.000 sec
72	22:16:00	SELECT e.Emp_name, b.Branch_address FROM Employee e JOIN Branch b ON e.Branch_no = b.Branch_no WHERE e.Position = 'Manager'	2 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.

