

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator: inedfunctions task6_subqueries* task7_views* task8_StoredProcedure PROJECT_LIBRARY_MANAGE... task2_dmlcommands PROJECT_L

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Start / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

Administration Schemas

Information: No object selected

SQL Editor:

```

61 CREATE DATABASE Library;
62 USE Library;
63
64
65 CREATE TABLE Branch(
66   Branch_no INT PRIMARY KEY,
67   Manager_Id VARCHAR(15) NOT NULL,
68   Branch_address VARCHAR(40),
69   Contact_no INT);
70
71
72 CREATE TABLE Employee(
73   Emp_Id INT PRIMARY KEY,
74   Emp_name VARCHAR(15),
75   Position VARCHAR(40),
76   Salary INT,
77   Branch_no INT,
78   FOREIGN KEY(Branch_no) REFERENCES branch(Branch_no));
79

```

Output:

#	Time	Action	Message	Duration / Fetch
6	17:14:11	USE Library	0 row(s) affected	0.000 sec
7	17:14:15	CREATE TABLE Branch(Branch_no INT PRIMARY KEY, Manager_Id VARCHAR(15) NOT ...	0 row(s) affected	0.078 sec
8	17:14:21	CREATE TABLE Employee(Emp_Id INT PRIMARY KEY, Emp_name VARCHAR(15), Position...	0 row(s) affected	0.203 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.

29°C Sunny 17:14 05-02-2024

MySQL Workbench

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PERFORMANCE

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Administration Schemas

Information: No object selected

SQL Editor:

```

81 CREATE TABLE Customer(
82   Customer_Id INT PRIMARY KEY,
83   Customer_name VARCHAR(15),
84   Customer_address VARCHAR(40),
85   Reg_date DATE);
86
87 CREATE TABLE IssueStatus(
88   Issue_Id INT PRIMARY KEY,
89   Issued_cust INT,
90   Issued_book_name VARCHAR(40),
91   Issue_date DATE,
92   Isbn_book INT,
93   FOREIGN KEY (Issued_cust) REFERENCES customer(Customer_Id),
94   FOREIGN KEY (Isbn_book) REFERENCES books(Isbn));
95
96 CREATE TABLE ReturnStatus(
97   Return_Id INT PRIMARY KEY,
98   Return_cust INT,
99   Return_book_name VARCHAR(40),

```

Output:

#	Time	Action	Message	Duration / Fetch
14	17:18:44	CREATE TABLE Books(Isbn INT PRIMARY KEY, Book_title VARCHAR(40), Category VARC...	0 row(s) affected	0.125 sec
15	17:18:50	CREATE TABLE ReturnStatus(Return_Id INT PRIMARY KEY, Return_cust INT, Return_boo...	0 row(s) affected	0.109 sec
16	17:18:59	CREATE TABLE IssueStatus(Issue_Id INT PRIMARY KEY, Issued_cust INT, Issued_book_...	0 row(s) affected	0.125 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.

17:19 05-02-2024

MySQL Workbench

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Administration Schemas

Information

No object selected

```
95
96 CREATE TABLE ReturnStatus(
97   Return_Id INT PRIMARY KEY,
98   Return_cust INT,
99   Return_book_name VARCHAR(40),
100   Return_date DATE,
101   Isbn_book2 INT,
102   FOREIGN KEY (Isbn_book2) REFERENCES books(Isbn));
103
104 CREATE TABLE Books(
105   Isbn INT PRIMARY KEY,
106   Book_title VARCHAR(40),
107   Category VARCHAR(40),
108   Rental_Price INT,
109   Status VARCHAR(40),
110   Author VARCHAR(40),
111   Publisher VARCHAR(40)
112 );
113
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
14	17:18:44	CREATE TABLE Books(Isbn INT PRIMARY KEY, Book_title VARCHAR(40), Category VARC...	0 row(s) affected	0.125 sec
15	17:18:50	CREATE TABLE ReturnStatus(Return_Id INT PRIMARY KEY, Return_cust INT, Return_boo...	0 row(s) affected	0.109 sec
16	17:18:50	CREATE TABLE IssueStatus(Issue_Id INT PRIMARY KEY, Issued_cust INT, Issued_book_...	0 row(s) affected	0.125 sec

Object Info Session

29°C 17:19 05-02-2024

MySQL Workbench

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Administration Schemas

Information

No object selected

```
115 INSERT INTO Branch VALUES
116   (1,'m11','1st cross',2654321),
117   (2,'m22','8th cross',3214562),
118   (3,'m33','1st main',21213421),
119   (4,'m44','3rd main',2657789),
120   (5,'m55','7th cross',2156678),
121   (6,'m66','10th main',5432179),
122   (7,'m77','8th main',2438967),
123   (8,'m88','9th cross',2989878),
124   (9,'m99','2nd cross',34562345),
125   (10,'m111','7th main',7823456);
126
127 SELECT * FROM Branch;
```

Result Grid

Branch_no	Manager_Id	Branch_address	Contact_no
1	m11	1st cross	2654321
2	m22	8th cross	3214562
3	m33	1st main	21213421
4	m44	3rd main	2657789
5	m55	7th cross	2156678
6	m66	10th main	5432179
7	m77	8th main	2438967
8	m88	9th cross	2989878
9	m99	2nd cross	34562345

Branch 1 x

Output

Action Output

29°C 17:21 05-02-2024

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator: inefunctions task6_subqueries* task7_views* task8_StoredProcedure PROJECT_LIBRARY_MANAGE... task2_dmlcommands PROJECT_U

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Administration Schemas

Information: No object selected

Object Info Session

130 • INSERT INTO Employee VALUES

131 (101,'Felix','Manager',51000,8),

132 (102,'Anant','HR',23000,8),

133 (103,'Anitha','Librarian',15000,2),

134 (104,'Meena','Operation',18000,5),

135 (105,'Sham','System Admin',20000,1),

136 (106,'Gayathri','Attender',12000,1),

137 (107,'Hima','Librarian',15000,2),

138 (108,'Roshni','System Admin',20000,3),

139 (109,'Gopal','Attender',12000,4),

140 (110,'Amar','Head',52000,5);

141

142 • SELECT * FROM Employee;

Result Grid

Emp_Id	Emp_name	Position	Salary	Branch_no
101	Felix	Manager	51000	8
102	Anant	HR	23000	8
103	Anitha	Librarian	15000	2
104	Meena	Operation	18000	5
105	Sham	System Admin	20000	1
106	Gayathri	Attender	12000	1
107	Hima	Librarian	15000	2
108	Roshni	System Admin	20000	3
109	Gopal	Attender	12000	4
110	Amar	Head	52000	5

Employee 2 x

Output

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

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator: task7_views* task8_StoredProcedure PROJECT_LIBRARY_MANAGE... task2_dmlcommands PROJECT_LIBRARY_MANAGE... SQL File 50

MANAGEMENT

- Server Status
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INSTANCE

- Startup / Shutdown
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PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

Administration Schemas

Information: No object selected

Object Info Session

146 • INSERT INTO customer (Customer_id, Customer_name, Customer_address, Reg_date)

147 VALUES

148 (201,'Aadhira','kecheri thrissur','2021-10-05'),

149 (202,'Anakha','Palayam calicut','2022-05-05'),

150 (203,'Neha','Kadampuzha malappuram','2022-03-07'),

151 (204,'Riya','Valanchery malappuram','2022-10-10'),

152 (205,'Rashida','Chelari Calicut','2021-08-09'),

153 (206,'Shamna','Feroke calicut','2023-04-29'),

154 (207,'Ziya','kulathur malappuram','2024-02-01'),

155 (208,'Hiza','BPPBazar Palakkad','2024-01-01'),

156 (209,'Hanan','Kakkad calicut','2020-01-24'),

157 (210,'Hadin','Moorkanad Malappuram','2022-11-30');

158 • SELECT * FROM Customer;

Result Grid

Customer_id	Customer_name	Customer_address	Reg_date
201	Aadhira	kecheri thrissur	2021-10-05
202	Anakha	Palayam calicut	2022-05-05
203	Neha	Kadampuzha malappuram	2022-03-07
204	Riya	Valanchery malappuram	2022-10-10
205	Rashida	Chelari Calicut	2021-08-09
206	Shamna	Feroke calicut	2023-04-29
207	Ziya	kulathur malappuram	2024-02-01
208	Hiza	BPPBazar Palakkad	2024-01-01
209	Hanan	Kakkad calicut	2020-01-24
210	Hadin	Moorkanad Malappuram	2022-11-30

Customer 1 x

Output

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

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

task7_views* task8_StoredProcedure PROJECT_LIBRARY_MANAGE... task2_dmlcommands PROJECT_LIBRARY_MANAGE... SQL File 50

Limit to 1000 rows

160 • INSERT INTO Books (Isbn, Book_title, Category, Rental_price, Status, Author, Publisher)VALUES

161 (301,'Alice in Wonderland','Story',50,'yes','Lewis Carroll','ABC'),

162 (302,'Time Machine','Fiction',55,'yes','H.G. Wells','DFG'),

163 (303,'Adventures of Sherlock Holmes','Adventure',70,'yes','Arthur Conan Doyle','FGH'),

164 (304,'Mein Kampf','Fiction',45,'yes','Adolf Hitler','KLM'),

165 (305,'Animal Farm','Novel',55,'yes','George Orwell','ABC'),

166 (306,'A Dangerous place','Novel',37,'yes','D.P. Moynihan','DFG'),

167 (307,'Agni Veena','History',44,'yes','Kazi Nasrul Islam','FGH'),

168 (308,'Pride and Prejudice','Novel',78,'yes','Jane Austen','HJK'),

169 (309,'Utopia','history',78,'yes','Sir Thomas Moor','HJK'),

170 (310,'Chitra','Story',34,'yes','R.N.Tagore','KNM');

171

172 • SELECT * FROM Books;

Result Grid

Isbn	Book_title	Category	Rental_Price	Status	Author	Publisher
301	Alice in Wonderland	Story	50	yes	Lewis Carroll	ABC
302	Time Machine	Fiction	55	yes	H.G. Wells	DFG
303	Adventures of Sherlock Holmes	Adventure	70	yes	Arthur Conan Doyle	FGH
304	Mein Kampf	Fiction	45	yes	Adolf Hitler	KLM
305	Animal Farm	Novel	55	yes	George Orwell	ABC
306	A Dangerous place	Novel	37	yes	D.P. Moynihan	DFG
307	Agni Veena	History	44	yes	Kazi Nasrul Islam	FGH
308	Pride and Prejudice	Novel	78	yes	Jane Austen	HJK
309	Utopia	history	78	yes	Sir Thomas Moor	HJK
310	Chitra	Story	34	yes	R.N.Tagore	KNM

Books 3 x

Output

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

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MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

task7_views* task8_StoredProcedure PROJECT_LIBRARY_MANAGE... task2_dmlcommands PROJECT_LIBRARY_MANAGE... SQL File 50

Limit to 1000 rows

174 • INSERT INTO Issuestatus (Issue_id, Issued_cust, Issued_book_name, Issue_date, Isbn_book)

175 VALUES

176 (401,202,'Time Machine','2024-01-11',302),

177 (402,201,'Animal Farm','2024-02-03',305),

178 (403,205,'A Dangerous place','2023-12-30',306),

179 (404,207,'Pride and Prejudice','2024-01-30',308),

180 (405,205,'Utopia','2023-11-11',309),

181 (406,210,'Agni Veena','2023-06-23',307),

182 (407,202,'Chitra','2023-07-29',310),

183 (408,209,'Mein Kampf','2023-06-28',304),

184 (409,201,'Adventures of Sherlock Holmes','2024-01-21',303),

185 (410,205,'Alice in Wonderland','2023-12-05',301);

186 • SELECT * FROM Issuestatus;

Result Grid

Issue_id	Issued_cust	Issued_book_name	Issue_date	Isbn_book
401	202	Time Machine	2024-01-11	302
402	201	Animal Farm	2024-02-03	305
403	205	A Dangerous place	2023-12-30	306
404	207	Pride and Prejudice	2024-01-30	308
405	205	Utopia	2023-11-11	309
406	210	Agni Veena	2023-06-23	307
407	202	Chitra	2023-07-29	310
408	209	Mein Kampf	2023-06-28	304
409	201	Adventures of Sherlock Holmes	2024-01-21	303
410	205	Alice in Wonderland	2023-12-05	301

Issuestatus 5 x

Output

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

30°C 12:26 06-02-2024

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

task7_views* task8_StoredProcedure PROJECT_LIBRARY_MANAGE... task2_dmlcommands PROJECT_LIBRARY_MANAGE... SQL File 50

Limit to 1000 rows

202 • INSERT INTO Returnstatus (Return_id, Return_cust, Return_book_name, Return_date, Isbn_book2)

203 VALUES

204 (501,205,'A Dangerous place','2024-02-02',306),

205 (502,209,'Mein Kampf','2023-10-25',304),

206 (503,201,'Adventures of Sherlock Holmes','2024-02-04',303),

207 (504,205,'Alice in Wonderland','2024-01-30',301),

208 (505,210,'Agni Veena','2023-11-28',307),

209 (506,202,'Time Machine','2024-02-01',302),

210 (507,201,'Animal Farm','2024-02-06',305),

211 (508,207,'Pride and Prejudice','2024-02-04',308),

212 (509,202,'Chitra','2023-09-06',310),

213 (510,205,'Utopia','2023-12-30',309);

214 • SELECT * FROM Returnstatus;

Result Grid

Return_id	Return_cust	Return_book_name	Return_date	Isbn_book2
501	205	A Dangerous place	2024-02-02	306
502	209	Mein Kampf	2023-10-25	304
503	201	Adventures of Sherlock Holmes	2024-02-04	303
504	205	Alice in Wonderland	2024-01-30	301
505	210	Agni Veena	2023-11-28	307
506	202	Time Machine	2024-02-01	302
507	201	Animal Farm	2024-02-06	305
508	207	Pride and Prejudice	2024-02-04	308
509	202	Chitra	2023-09-06	310
510	205	Utopia	2023-12-30	309

Returnstatus 8 x

Output

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

Users and Privileges

Status and System Variables

Data Export

Data Import/Restore

INSTANCE

Start / Shutdown

Server Logs

Options File

PERFORMANCE

Dashboard

Performance Reports

Performance Schema Setup

Administration Schemas

Information

No object selected

232

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

234

235 • SELECT Book_title,Category,Rental_Price FROM Books WHERE Status='yes';

Result Grid

Book_title	Category	Rental_Price
Alice in Wonderland	Story	50
Time Machine	Fiction	55
Adventures of Sherlock Holmes	Adventure	70
Mein Kampf	Fiction	45
Animal Farm	Novel	55
A Dangerous place	Novel	37
Agni Veena	History	44
Pride and Prejudice	Novel	78
Utopia	history	78
Chitra	Story	34

Books 9 x

Read Only

Context Help

Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
23	12:44:43	INSERT INTO Returnstatus (Return_id, Return_cust, Return_book_name, Return_date, Isb...	10 row(s) affected Records: 10 Duplicates: 0 Warnings: 0	0.015 sec
24	12:44:50	SELECT * FROM Returnstatus LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
25	12:57:25	SELECT Book_title,Category,Rental_Price FROM Books WHERE Status='yes' LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec

manually get help for the current caret position or to toggle automatic help.

Status and System Variables

Data Export

Data Import/Restore

INSTANCE

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Administration

Schemas

Information

No object selected

Object Info

Session

235

236

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

237

238

SELECT Emp_name , Salary FROM Employee ORDER BY Salary DESC;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Emp_name	Salary
Amar	52000
Felix	51000
Anant	23000
Sham	20000
Roshni	20000
Meena	18000
Anitha	15000
Hima	15000
Gayathri	12000
Gopal	12000

Employee 10

Read Only

Context Help

Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
24	12:44:50	SELECT * FROM Returnstatus LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
25	12:57:25	SELECT Book_title,Category,Rental_Price FROM Books WHERE Status='yes' LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
26	13:00:59	SELECT Emp_name , Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	10 row(s) returned	0.016 sec / 0.000 sec

manually get help for the current caret position or to toggle automatic help.

Server Status

Client Connections

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Information

No object selected

Object Info

Session

236

237

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

238

239

SELECT IssueStatus.Issued_Book_name,customer.customer_name

240

FROM customer INNER JOIN IssueStatus ON customer.customer_id=IssueStatus.Issued_cust;

241

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Issued_Book_name	customer_name
Animal Farm	Aadhira
Adventures of Sherlock Holmes	Aadhira
Time Machine	Anakha
Chitra	Anakha
A Dangerous place	Rashida
Utopia	Rashida
Alice in Wonderland	Rashida
Pride and Prejudice	Ziya
Mein Kampf	Hanan
Agni Veena	Hadin

Result 17

Read Only

Context Help

Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
32	13:15:58	SELECT b.Book_title , c.Customer_name FROM Books b join Issuestatus i ON b.lisbn=i.lisbn...	10 row(s) returned	0.000 sec / 0.000 sec
33	13:16:27	SELECT IssueStatus.Issued_Book_name,customer.customer_name FROM customer I...	10 row(s) returned	0.000 sec / 0.000 sec

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Client Connections

Users and Privileges

Status and System Variables

Data Export

Data Import/Restore

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PERFORMANCE

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Schemas

Information

No object selected

Object Info

Session

228

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

229

•

SELECT Category,COUNT(*) AS Total_count FROM Books GROUP BY Category;

230

231

232

Result Grid

Filter Rows:

Export:

Wrap Cell Contents

	Category	Total_count
▶	Story	2
	Fiction	2
	Adventure	1
	Novel	3
	History	2

Result Grid

Form Editor

Field Types

Result 18

Read Only

Context Help

Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 33	13:16:27	SELECT IssueStatus.Issued_Book_name.customer.customer_name FROM customer L...	10 row(s) returned	0.000 sec / 0.000 sec
✓ 34	13:20:39	SELECT IssueStatus.Issued_Book_name.customer.customer_name FROM customer INNER...	10 row(s) returned	0.000 sec / 0.000 sec
✓ 35	13:25:46	SELECT Category,COUNT(*) AS Total_count FROM Books GROUP BY Category LIMIT 0, 1...	5 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.

Data Export

Data Import/Restore

INSTANCE

Startup / Shutdown

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Performance Schema Setup

Administration

Schemas

Information

No object selected

Object Info

Session

230

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

231

•

SELECT Emp_name,Position FROM Employee WHERE Salary >50000;

232

Result Grid

Filter Rows:

Export:

Wrap Cell Contents

	Emp_name	Position
▶	Felix	Manager
	Amar	Head

Result Grid

Form Editor

Field Types

Employee 19

Read Only

Context Help

Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 34	13:20:39	SELECT IssueStatus.Issued_Book_name.customer.customer_name FROM customer INNER...	10 row(s) returned	0.000 sec / 0.000 sec
✓ 35	13:25:46	SELECT Category,COUNT(*) AS Total_count FROM Books GROUP BY Category LIMIT 0, 1...	5 row(s) returned	0.016 sec / 0.000 sec
✓ 36	13:29:33	SELECT Emp_name,Position FROM Employee WHERE Salary >50000 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec

current caret position or to toggle automatic help.

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

task7_views* task8_StoredProcedure PROJECT_LIBRARY_MANAGE... task2_dmlcommands PROJECT_LIBRARY_MANAGE... SQL File 50 SQLAdditions

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Administration Schemas

Information

No object selected

Object Info Session

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

236

237 #since no customers registered before 2022-01-01 who were not issued any books, we add two entries

238 • INSERT INTO Customer (Customer_id, Customer_name, Customer_address, Reg_date)

239 VALUES

240 (211,'Hima','gh thrissur','2021-11-06'),

241 (212,'Jeena','sen calicut','2020-05-04');

242

243 • SELECT Customer_name FROM Customer WHERE Reg_date < '2022-01-01'

244 AND Customer_id NOT IN (SELECT Issued_cust FROM Issuestatus);

245

Result Grid

Customer_name
Hima
Jeena

Customer 21 x

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
37	13:36:02	SELECT Customer_name FROM Customer WHERE Reg_date < '2022-01-01' AND Custom...	0 row(s) returned	0.016 sec / 0.000 sec
38	13:39:10	INSERT INTO Customer (Customer_id, Customer_name, Customer_address, Reg_date) VAL...	2 row(s) affected Records: 2 Duplicates: 0 Warnings: 0	0.016 sec
39	13:39:20	SELECT Customer_name FROM Customer WHERE Reg_date < '2022-01-01' AND Custom...	2 row(s) returned	0.000 sec / 0.000 sec

31°C 13:42 06-02-2024

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

Administration Schemas

Information

No object selected

Object Info Session

246

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

248 • SELECT Branch_no , count(*) AS Employee_count FROM Employee GROUP BY Branch_no;

249

Result Grid

Branch_no	Employee_count
1	2
2	2
3	1
4	1
5	2
8	2

Result 22 x

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
38	13:39:10	INSERT INTO Customer (Customer_id, Customer_name, Customer_address, Reg_date) VAL...	2 row(s) affected Records: 2 Duplicates: 0 Warnings: 0	0.016 sec
39	13:39:20	SELECT Customer_name FROM Customer WHERE Reg_date < '2022-01-01' AND Custom...	2 row(s) returned	0.000 sec / 0.000 sec
40	13:46:37	SELECT Branch_no , count(*) AS Employee_count FROM Employee GROUP BY Branch_n...	6 row(s) returned	0.000 sec / 0.000 sec

13:47

Users and Privileges
Status and System Variables
Data Export
Data Import/Restore

INSTANCE

Start / Shutdown
Server Logs
Options File

PERFORMANCE

Dashboard
Performance Reports
Performance Schema Setup

Administration Schemas

Information

No object selected

Object Info Session

252
253
254 • #8. Display the names of customers who have issued books in the month of June 2023.
255 SELECT DISTINCT c.Customer_name,i.Issue_date FROM Customer c JOIN Issuestatus i
256 ON c.Customer_id = i.Issued_cust
257 WHERE month(i.Issue_date)=6 AND year(i.Issue_date) =2023;
258
259

Result Grid

Customer_name	Issue_date
Hadin	2023-06-23
Hanan	2023-06-28

Result 24 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
41	13:52:56	SELECT DISTINCT c.Customer_name FROM Customer c JOIN Issuestatus i ON c.Customer...	2 row(s) returned	0.000 sec / 0.000 sec
42	13:55:17	SELECT DISTINCT c.Customer_name,i.Issue_date FROM Customer c JOIN Issuestatus i O...	2 row(s) returned	0.015 sec / 0.000 sec

31°C 13:55 06-02-2024

INSTANCE

Start / Shutdown
Server Logs
Options File

PERFORMANCE

Dashboard
Performance Reports
Performance Schema Setup

Administration Schemas

Information

No object selected

Object Info Session

256
257 #9. Retrieve book_title from book table containing history.
258 • SELECT Book_title,Category FROM Books WHERE Category='History';
259

Result Grid

Book_title	Category
Agri Veena	History
Utopia	history

Books 26 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
43	13:57:56	SELECT Book_title FROM Books WHERE Category='History' LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
44	13:58:33	SELECT Book_title,Category FROM Books WHERE Category='History' LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec

31°C 13:58 06-02-2024

Start / Shutdown
Server Logs
Options File

PERFORMANCE

Dashboard
Performance Reports
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Administration Schemas

Information

No object selected

Object Info Session

260
261 #10. Retrieve the branch numbers along with the count of employees for branches having more than 5 employees.
262 • SELECT Branch_no , count(*) AS Employee_count FROM Employee GROUP BY Branch_no HAVING count(*)>5;

Result Grid

Branch_no	Employee_count
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Result 28 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
46	14:04:44	SELECT Branch_no ,count(*) AS Employee_count FROM Employee GROUP BY Branch_n...	0 row(s) returned	0.000 sec / 0.000 sec
47	14:04:59	SELECT Branch_no ,count(*) AS Employee_count FROM Employee GROUP BY Branch_n...	0 row(s) returned	0.000 sec / 0.000 sec

SEN... 14:05 06-02-2024