

# MySQL Project

Create a database named library and following TABLES in the database:

**Top Project (Local instance MySQL80):**

Table: branch

Branch_no	Manager_Id	Branch_address	Contact_no
1	101	South Kalamassery,Ernakulam	0484-257754
2	102	Ranipuram,Kasargod	0484-325482
3	103	Shavakkotapalam,Alappuzha	0484-253614
4	104	Cheruthoni ,Idukki	0484-845942
5	105	Pettimudi,Wayanad	0484-759486
6	106	Tirur,Malappuram	0484-123454
7	107	Vell,Tirvandrum	0484-326541
8	108	Kadalundi,Kozhikode	0484-754896
9	109	Paravur,Kollam	0484-154862
10	110	Mundakkayam,Kottayam	0484-325146

**Bottom Project (Local instance MySQL80):**

Table: employee

Emp_Id	Emp_name	Position	Salary	Branch_no
1	Smiths Nazeer	Manager	60000.00	1
2	Nazeer A A	Assistant	45000.00	1
3	Nima Raneesh	Manager	65000.00	2
4	Salman Rasheed	Assistant	42000.00	2
5	Aysha A	Manager	70000.00	3
6	Amarjith A	Assistant	46000.00	3
7	Asiya Ziad	Manager	62000.00	4
8	Sujith B S	Assistant	43000.00	4
9	Hamida Kassim	Manager	68000.00	5
10	Raizan Hanzal	Assistant	44000.00	5

MySQL Workbench

Local instance MySQL80 MySQL Model

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SQL File 5\* <

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60 ('9780971808552', 'The Lean Startup', 'Business', '86.00', 'Yes', 'Eric Ries', 'Crown Business'),
61 ('9781476791803', 'The Goldfinch', 'Fiction', '85.50', 'No', 'Donna Tartt', 'Little, Brown and Company'),
62 ('9780743273565', 'The Da Vinci Code', 'Thriller', '44.00', 'Yes', 'Dan Brown', 'Doubleday'),
63 ('9781501176816', 'Where the Crawdads Sing', 'Fiction', '45.00', 'Yes', 'Delia Owens', 'G.P.Putnams Sons'),
64 ('9780679642318', 'A Brief History of Time', 'Science', '150.00', 'No', 'Stephen Hawking', 'Bantam Books'),
65 ('9780743273572', 'Blink', 'Non-Fiction', '50.00', 'Yes', 'Malcolm Gladwell', 'Little, Brown and Company')
66 • select * from books;
67 • CREATE TABLE CUSTOMER (
68 Customer_Id INT PRIMARY KEY,
69 Customer_name VARCHAR(100),
70 Customer_address VARCHAR(255),
71 Reg_date DATE

```

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

TSBN	Book_title	Category	Rental_Price	Status	Author	Publisher
9780061200984	To Kill a Mockingbird	Fiction	25.00	yes	Harper Lee	J.B. Lippincott
9780071908552	The Lean Startup	Business	86.00	yes	Eric Ries	Crown Business
9780452942334	1984	Dystopian	20.00	no	George Orwell	Secker & Warburg
978079642310	A Brief History of Time	Science	150.00	no	Stephen Hawking	Bantam Books
9780743273565	The Da Vinci Code	Thriller	44.00	yes	Dan Brown	Doubleday
9780743273572	Blink	Non-Fiction	50.00	yes	Malcolm Gladwell	Little, Brown and Company
978140299426	The Immortal Life of Henrietta Lacks	Non-Fiction	54.00	no	Rebecca Skloot	Crown Publishing
9781476791803	The Goldfinch	Fiction	85.50	no	Donna Tartt	Little, Brown and Company
9781501176816	Where the Crawdads Sing	Fiction	45.00	yes	Delia Owens	G.P.Putnams Sons
978159420510	The Road	Fiction	15.00	yes	Cormac McCarthy	Vintage Books

books 10 x

Action Output

#	Time	Action	Message	Duration / Fetch
28	23-26-33	select * from ReturnStatus LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
29	23-32-51	select * from branch LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
30	23-33-06	select * from employee LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
31	23-33-20	select * from books LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Query Completed

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78 (4, 'John cena', 'Kumnumal,Thrissur', '2018-01-10'),
79 (5, 'David Beckham', 'Kadaloram house,Malappuram', '2021-08-05'),
80 (6, 'Sima M', 'Kaatle house,Kollam', '2019-07-01'),
81 (7, 'Jaison', 'Naveli house,Triavandrum', '2022-10-23'),
82 (8, 'Saamson Kenf', 'Sahrudaya House, Ernakulam', '2021-11-30'),
83 (9, 'Sarosh Sam', 'Malayil House, Kannur', '2021-08-05'),
84 (10, 'Sukunan M', 'Thenvid, Idukki', '2022-04-10')
85 • select * from customer;
86 • CREATE TABLE IssueStatus (
87 Issue_Id INT PRIMARY KEY,
88 Issued_cust INT,
89 Issue_date DATE,

```

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

Customer_Id	Customer_name	Customer_address	Reg_date
1	Nizam Haider	Anekaladu House,Ernakulam	2019-06-15
2	Anusha Sunil	Poolakandy House,Kozhikode	2021-02-01
3	Aravind S	Tharavad,Palakkad	2019-08-22
4	John cena	Kumnumal,Thrissur	2018-01-10
5	David Beckham	Kadaloram house,Malappuram	2021-08-05
6	Sinan M	Kaatle house,Kollam	2019-07-01
7	Jaison	Maveli house,Triavandrum	2022-10-23
8	Samson Kenf	Sahrudaya House, Ernakulam	2021-11-30
9	Sarosh Sam	Malayil House, Kannur	2021-08-05
10	Sukunan M	Thenvid, Idukki	2022-04-10

customer 11 x

Action Output

#	Time	Action	Message	Duration / Fetch
29	23-32-51	select * from branch LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
30	23-33-06	select * from employee LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
31	23-33-20	select * from books LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
32	23-33-31	select * from customer LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Query Completed

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SQL File 5 ×

```

99  (4, 4, '2023-08-10', '9781402894626'),
100 (5, 5, '2023-06-25', '9780071808552'),
101 (6, 6, '2023-07-30', '9781476791803'),
102 (7, 7, '2023-06-10', '9780743273565'),
103 (8, 8, '2023-05-15', '9781501176816'),
104 (9, 9, '2023-07-22', '9780679642310'),
105 (10, 10, '2023-08-05', '9780743273572');

106 • select * from IssueStatus;
107 • CREATE TABLE ReturnStatus (
108     Return_Id INT PRIMARY KEY,
109     Return_cust INT,
110     Return_book_name VARCHAR(255),

```

Result Grid

Issue_Id	Issued_cust	Issue_date	Ibn_book
1	1	2023-06-15	9780061120084
2	2	2023-07-01	978045284234
3	3	2023-05-20	9781594202510
4	4	2023-08-10	9781402894626
5	5	2023-06-25	9780071808552
6	6	2023-07-30	9781476791803
7	7	2023-06-10	9780743273565
8	8	2023-05-15	9781501176816
9	9	2023-07-22	9780679642310
10	10	2023-06-05	9780743273572

Administration Schemas Information

No object selected

Object Info Session

Query Completed

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120 (3, 3, 'The Road', '2023-06-30', '9781594202510'),
121 (4, 4, 'The Immortal Life of Henrietta Lacks', '2023-08-15', '9781402894626'),
122 (5, 5, 'The Lean Startup', '2023-07-10', '9780071808552'),
123 (6, 6, 'The Goldfinch', '2023-08-01', '9781476791803'),
124 (7, 7, 'The Da Vinci Code', '2023-06-25', '9780743273565'),
125 (8, 8, 'Where the Crawdads Sing', '2023-06-15', '9781501176816'),
126 (9, 9, 'A Brief History of Time', '2023-07-10', '9780679642310'),
127 (10, 10, 'Blink', '2023-06-12', '9780743273572');

128 • select * from ReturnStatus;
129 -- 1.Retrieve the book title, category, and rental price of all available books.
130 • SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes';
131 -- 2.List the employee names and their respective salaries in descending order of salary.

```

Result Grid

Return_Id	Return_cust	Return_book_name	Return_date	Ibn_book2
1	1	To Kill a Mockingbird	2023-07-01	9780061120084
2	2	1984	2023-07-30	978045284234
3	3	The Road	2023-06-30	9781594202510
4	4	The Immortal Life of Henrietta Lacks	2023-08-15	9781402894626
5	5	The Lean Startup	2023-07-10	9780071808552
6	6	The Goldfinch	2023-08-01	9781476791803
7	7	The Da Vinc Code	2023-06-25	9780743273565
8	8	Where the Crawdads Sing	2023-06-15	9781501176816
9	9	A Brief History of Time	2023-07-10	9780679642310
10	10	Blink	2023-06-12	9780743273572

Administration Schemas Information

No object selected

Object Info Session

Query Completed

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SQL File 5 x

```

123 (6, 6, 'The Goldfinch', '2023-08-01', '9781476791883'),
124 (7, 7, 'The Da Vinci Code', '2023-06-25', '9780743273565'),
125 (8, 8, 'Where the Crawdads Sing', '2023-06-15', '9781501176816'),
126 (9, 9, 'A Brief History of Time', '2023-07-10', '9780879642310'),
127 (10, 10, 'Blink', '2023-06-12', '9780743273572');

128 • select * from ReturnStatus;
129 -- 1. Retrieve the book title, category, and rental price of all available books.
130 • SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes';
131 -- 2. List the employee names and their respective salaries in descending order of salary.
132 • SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC;
133 -- 3. Retrieve the book titles and the corresponding customers who have issued those books.
134 • SELECT b.Book_title, c.Customer_name FROM IssueStatus i
  
```

Result Grid | Filter Rows | Export: | Wrap Cell Content: | Result Grid | Form Editor | Field Types

Book_title	Category	Rental_Price
To Kill a Mockingbird	Fiction	25.00
The Lean Startup	Business	86.00
The Da Vinc Code	Thriller	44.00
Blink	Non-Fiction	50.00
Where the Crawdads Sing	Fiction	45.00
The Road	Fiction	15.00

No object selected

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```

123 (6, 6, 'The Goldfinch', '2023-08-01', '9781476791883'),
124 (7, 7, 'The Da Vinci Code', '2023-06-25', '9780743273565'),
125 (8, 8, 'Where the Crawdads Sing', '2023-06-15', '9781501176816'),
126 (9, 9, 'A Brief History of Time', '2023-07-10', '9780879642310'),
127 (10, 10, 'Blink', '2023-06-12', '9780743273572');

128 • select * from ReturnStatus;
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130 • SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes';
131 -- 2. List the employee names and their respective salaries in descending order of salary.
132 • SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC;
133 -- 3. Retrieve the book titles and the corresponding customers who have issued those books.
134 • SELECT b.Book_title, c.Customer_name FROM IssueStatus i
  
```

Result Grid | Filter Rows | Export: | Wrap Cell Content: | Result Grid | Form Editor | Field Types

Emp_name	Salary
Ayisha A	70000.00
Hemisha Kassim	68000.00
Niona Raneesh	65000.00
Asiya Zed	62000.00
Smitha Nazeer	60000.00
Amarjith A	46000.00
Nazeer A A	45000.00
Raiyan Hanzal	44000.00
Sujith B S	43000.00
Salman Rasheed	42000.00

Employee 15 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
32	23:33:31	select * from customer LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
33	23:33:42	select * from IssueStatus LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
34	23:34:00	select * from ReturnStatus LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
35	23:34:19	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes' LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

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```

126      (9, 9, 'A Brief History of Time', '2023-07-10', '9780679642310'),
127      (10, 10, 'Blink', '2023-06-12', '9780743273572');
128 • select * from ReturnStatus;
129 -- 1.Retrieve the book title, category, and rental price of all available books.
130 • SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes';
131 -- 2.List the employee names and their respective salaries in descending order of salary.
132 • SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC;
133 -- 3.Retrieve the book titles and the corresponding customers who have issued those books.
134 • SELECT b.Book_title, c.Customer_name FROM IssueStatus i
135 JOIN Books b ON i.Ishn_book = b.ISBN
136 JOIN Customer c ON i.Issued_cust = c.Customer_Id;
137 -- 4.Display the total count of books in each category.

```

Result Grid | Filter Rows | Export: | Wrap Cell Content: | Result Grid | Form Editor | Field Types

Book_title	Customer_name
To Kill a Mockingbird	Nizam Naazir
1984	Anusha Suri
The Road	Aravind S
The Immortal Life of Henrietta Lacks	John cena
The Lean Startup	David Redham
The Goldfinch	Sinan M
The Da Vinci Code	Jason
Where the Crawdads Sing	Sanson Keni
A Brief History of Time	Sarosh Sam
Blink	Sukunan M

Result 16 x

Action Output

#	Time	Action	Message	Duration / Fetch
34	23-34-00	select * from ReturnStatus LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
35	23-34-19	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes' LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
36	23-34-32	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
37	23-34-42	SELECT b.Book_title, c.Customer_name FROM IssueStatus i JOIN Books b ON i.Ishn_book = b.ISBN JOIN Customer c ON i.Issued_cust = c.Customer_Id;	10 row(s) returned	0.000 sec / 0.000 sec

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129 -- 1.Retrieve the book title, category, and rental price of all available books.
130 • SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes';
131 -- 2.List the employee names and their respective salaries in descending order of salary.
132 • SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC;
133 -- 3.Retrieve the book titles and the corresponding customers who have issued those books.
134 • SELECT b.Book_title, c.Customer_name FROM IssueStatus i
135 JOIN Books b ON i.Ishn_book = b.ISBN
136 JOIN Customer c ON i.Issued_cust = c.Customer_Id;
137 -- 4.Display the total count of books in each category.
138 • SELECT Category, COUNT(*) AS Total_Count FROM Books GROUP BY Category;
139 -- 5.Retrieve the employee names and their positions for the employees whose salaries are above Rs.50,000.
140 • SELECT Emp_name, Position FROM Employee WHERE Salary > 50000;

```

Result Grid | Filter Rows | Export: | Wrap Cell Content: | Result Grid | Form Editor | Field Types

Category	Total_Count
Fiction	4
Business	1
Dystopian	1
Science	1
Thriller	1
Non-Fiction	2

Result 17 x

Action Output

#	Time	Action	Message	Duration / Fetch
35	23-34-19	SELECT Book_title, Category, Rental_Price FROM Books WHERE Status = 'yes' LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
36	23-34-32	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
37	23-34-42	SELECT b.Book_title, c.Customer_name FROM IssueStatus i JOIN Books b ON i.Ishn_book = b.ISBN JOIN Customer c ON i.Issued_cust = c.Customer_Id;	10 row(s) returned	0.000 sec / 0.000 sec
38	23-34-52	SELECT Category, COUNT(*) AS Total_Count FROM Books GROUP BY Category LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec

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135 JOIN Books b ON i.Ishn_book = b.ISBN
136 JOIN Customer c ON i.Issued_cust = c.Customer_Id;
137 -- 4.Display the total count of books in each category.
138 • SELECT Category, COUNT(*) AS Total_Count FROM Books GROUP BY Category;
139 -- 5.Retrieve the employee names and their positions for the employees whose salaries are above Rs.50,000.
140 • SELECT Emp_name, Position FROM Employee WHERE Salary > 50000;
141 -- 6.List the customer names who registered before 2022-01-01 and have not issued any books yet.
142 • SELECT c.Customer_name FROM Customer c LEFT JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust
143 WHERE c.Reg_date < '2022-01-01' AND i.Issued_cust IS NULL;
144 -- 7.Display the branch numbers and the total count of employees in each branch.
145 • SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no;
146 -- 8.Display the names of customers who have issued books in the month of June 2023.

```

Result Grid | Filter Rows | Export: | Wrap Cell Content: | Result Grid | Form Editor | Field Types

	Emp_name	Position
▶	Smita Nazier	Manager
	Nima Raneesh	Manager
	Aryha A	Manager
	Adya Zod	Manager
	Hanisha Kassim	Manager

No object selected

Employee 18 x

Action Output

#	Time	Action	Message	Duration / Fetch
36	23:34:32	SELECT Emp_name, Salary FROM Employee ORDER BY Salary DESC LIMIT 0, 1000	10 row(s) returned	0.000 sec / 0.000 sec
37	23:34:42	SELECT b.Book_title, c.Customer_name FROM IssueStatus i JOIN Books b ON i.Ishn_book = b.ISBN JOIN Customer c ON i.Issued_cust = c.Customer_Id;	10 row(s) returned	0.000 sec / 0.000 sec
38	23:34:52	SELECT Category, COUNT(*) AS Total_Count FROM Books GROUP BY Category LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
39	23:35:03	SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

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Query Completed

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138 • SELECT Category, COUNT(*) AS Total_Count FROM Books GROUP BY Category;
139 -- 5.Retrieve the employee names and their positions for the employees whose salaries are above Rs.50,000.
140 • SELECT Emp_name, Position FROM Employee WHERE Salary > 50000;
141 -- 6.List the customer names who registered before 2022-01-01 and have not issued any books yet.
142 • SELECT c.Customer_name FROM Customer c LEFT JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust
143 WHERE c.Reg_date < '2023-01-01' AND i.Issued_cust IS NULL;
144 -- 7.Display the branch numbers and the total count of employees in each branch.
145 • SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no;
146 -- 8.Display the names of customers who have issued books in the month of June 2023.
147 • SELECT DISTINCT c.Customer_name FROM IssueStatus i JOIN Customer c ON i.Issued_cust = c.Customer_Id
148 WHERE i.Issue_date BETWEEN '2023-06-01' AND '2023-06-30';
149 -- 9.Retrieve book_title from the book table containing history.

```

Result Grid | Filter Rows | Export: | Wrap Cell Content: | Result Grid | Form Editor | Field Types

	Customer_name
--	---------------

No object selected

Result 21 x

Action Output

#	Time	Action	Message	Duration / Fetch
39	23:35:03	SELECT Emp_name, Position FROM Employee WHERE Salary > 50000 LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
40	23:35:15	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
41	23:35:40	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	0.000 sec / 0.000 sec
42	23:36:09	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	0.000 sec / 0.000 sec

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Query Completed

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```

138 • SELECT Category, COUNT(*) AS Total_Count FROM Books GROUP BY Category;
139 -- 5.Retrieve the employee names and their positions for the employees whose salaries are above Rs.50,000.
140 • SELECT Emp_name, Position FROM Employee WHERE Salary > 50000;
141 -- 6.List the customer names who registered before 2022-01-01 and have not issued any books yet.
142 • SELECT c.Customer_name FROM Customer c LEFT JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust
143 WHERE c.Reg_date < '2022-01-01' AND i.Issued_cust IS NULL;
144 -- 7.Display the branch numbers and the total count of employees in each branch.
145 • SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no;
146 -- 8.Display the names of customers who have issued books in the month of June 2023.
147 • SELECT DISTINCT c.Customer_name FROM IssueStatus i JOIN Customer c ON i.Issued_cust = c.Customer_Id
148 WHERE i.Issue_date BETWEEN '2023-06-01' AND '2023-06-30';
149 -- 9.Retrieve book_title from the book table containing history.

```

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

Branch_no	Total_Employees
1	2
2	2
3	2
4	2
5	2

No object selected

Administration Schemas Information

Object Info Session

Query Completed

26°C Partly cloudy

Output

Action Output

#	Time	Action	Message	Duration / Fetch
40	23:35:15	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
41	23:35:40	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	0.000 sec / 0.000 sec
42	23:36:09	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	0.000 sec / 0.000 sec
43	23:37:16	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT 0, 1000	5 row(s) returned	0.016 sec / 0.000 sec

ENG IN 23:37 31-08-2024

MySQL Workbench

Local instance MySQL80 x MySQL Model x

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Navigator

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  - Functions
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- keraleworkersdb
- product
- sales
- sys
- world

SQL File 5\* x

```

138 • SELECT Category, COUNT(*) AS Total_Count FROM Books GROUP BY Category;
139 -- 5.Retrieve the employee names and their positions for the employees whose salaries are above Rs.50,000.
140 • SELECT Emp_name, Position FROM Employee WHERE Salary > 50000;
141 -- 6.List the customer names who registered before 2022-01-01 and have not issued any books yet.
142 • SELECT c.Customer_name FROM Customer c LEFT JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust
143 WHERE c.Reg_date < '2022-01-01' AND i.Issued_cust IS NULL;
144 -- 7.Display the branch numbers and the total count of employees in each branch.
145 • SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no;
146 -- 8.Display the names of customers who have issued books in the month of June 2023.
147 • SELECT DISTINCT c.Customer_name FROM IssueStatus i JOIN Customer c ON i.Issued_cust = c.Customer_Id
148 WHERE i.Issue_date BETWEEN '2023-06-01' AND '2023-06-30';
149 -- 9.Retrieve book_title from the book table containing history.

```

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

Customer_name
Nizam Nazeer
David Beckham
Jason
Sukunan M

No object selected

Administration Schemas Information

Object Info Session

Query Completed

High winds 5:30 am

Output

Action Output

#	Time	Action	Message	Duration / Fetch
41	23:35:40	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	0.000 sec / 0.000 sec
42	23:36:09	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	0.000 sec / 0.000 sec
43	23:37:16	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT 0, 1000	5 row(s) returned	0.016 sec / 0.000 sec
44	23:37:30	SELECT DISTINCT c.Customer_name FROM IssueStatus i JOIN Customer c ON i.Issued_cust = c.Customer_Id WHERE i.Issue_date BETWEEN '2023-06-01' AND '2023-06-30';	4 row(s) returned	0.000 sec / 0.000 sec

ENG IN 23:37 31-08-2024

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

```

143 WHERE c.Reg_date < '2023-01-01' AND i.Issued_cust IS NULL;
144 -- 7. Display the branch numbers and the total count of employees in each branch.
145 • SELECT Branch_no,COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no;
146 -- 8. Display the names of customers who have issued books in the month of June 2023.
147 • SELECT DISTINCT c.Customer_name FROM IssueStatus i JOIN Customer c ON i.Issued_cust = c.Customer_Id
148 WHERE i.Issue_date BETWEEN '2023-06-01' AND '2023-06-30';
149 -- 9. Retrieve book_title from the book table containing history.
150 • SELECT DISTINCT b.Book_title FROM Books b JOIN IssueStatus i ON b.ISBN = i.ISBN_book
151 UNION
152 SELECT DISTINCT b.Book_title
153 FROM Books b
154 JOIN ReturnStatus r ON b.ISBN = r.ISBN_book2;

```

Result Grid | Filter Rows | Export: | Wrap Cell Content: | Result Grid | Form Editor | Field Types

Administration Schemas Information

No object selected

Result 24 x

Action Output

#	Time	Action	Message	Duration / Fetch
42	23:36:09	SELECT c.Customer_name FROM Customer c LEFT JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust	0 row(s) returned	0.000 sec / 0.000 sec
43	23:37:16	SELECT Branch_no,COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no LIMIT 0, 1000	5 row(s) returned	0.016 sec / 0.000 sec
44	23:37:30	SELECT DISTINCT c.Customer_name FROM IssueStatus i JOIN Customer c ON i.Issued_cust = c.Customer_Id	4 row(s) returned	0.000 sec / 0.000 sec
45	23:37:43	SELECT DISTINCT b.Book_title FROM Books b JOIN IssueStatus i ON b.ISBN = i.ISBN_book UNION SELECT DISTINCT b.Book_title FROM Books b JOIN IssueStatus i ON b.ISBN = i.ISBN_book2;	10 row(s) returned	0.015 sec / 0.000 sec

Object Info Session

Query Completed

High winds 5:30 am

23:37 IN 31-08-2024

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

```

146 -- 8. Display the names of customers who have issued books in the month of June 2023.
147 • SELECT DISTINCT c.Customer_name FROM IssueStatus i JOIN Customer c ON i.Issued_cust = c.Customer_Id
148 WHERE i.Issue_date BETWEEN '2023-06-01' AND '2023-06-30';
149 -- 9. Retrieve book_title from the book table containing history.
150 • SELECT DISTINCT b.Book_title FROM Books b JOIN IssueStatus i ON b.ISBN = i.ISBN_book
151 UNION
152 SELECT DISTINCT b.Book_title
153 FROM Books b
154 JOIN ReturnStatus r ON b.ISBN = r.ISBN_book2;
155 -- 10. Retrieve the branch numbers along with the count of employees for branches having more than 1 employees.
156 • SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no HAVING COUNT(*) > 1;
157

```

Result Grid | Filter Rows | Export: | Wrap Cell Content: | Result Grid | Form Editor | Field Types

Administration Schemas Information

No object selected

Result 28 x

Action Output

#	Time	Action	Message	Duration / Fetch
46	23:37:56	SELECT Branch_no,COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no HAVING COUNT(*) > 1;	0 row(s) returned	0.000 sec / 0.000 sec
47	23:38:16	SELECT Branch_no,COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no HAVING COUNT(*) > 1;	5 row(s) returned	0.000 sec / 0.000 sec
48	23:38:35	SELECT e.Emp_name, b.Branch_address FROM Employee e JOIN Branch b ON e.Branch_no = b.Branch_no;	5 row(s) returned	0.000 sec / 0.000 sec
49	23:38:47	SELECT Branch_no,COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no HAVING COUNT(*) > 1;	5 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Query Completed

26°C Partly cloudy

23:38 IN 31-08-2024

MySQL Workbench

Local instance MySQL80 | MySQL Model

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SQL File 5\* <

```

149 -- 9. Retrieve book_title from the book table containing history.
150 • SELECT DISTINCT b.Book_title FROM Books b JOIN IssueStatus i ON b.ISBN = i.ISbn_book
151 UNION
152 SELECT DISTINCT b.Book_title
153 FROM Books b
154 JOIN ReturnStatus r ON b.ISBN = r.ISbn_book2;
155 -- 10. Retrieve the branch numbers along with the count of employees for branches having more than 1 employees.
156 • SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no
157 HAVING COUNT(*) > 1;
158 -- 11. Retrieve the names of employees who manage branches and their respective branch addresses.
159 • SELECT e.Emp_name, b.Branch_address FROM Employee e JOIN Branch b ON e.Branch_no = b.Branch_no
160 WHERE e.Position = 'Manager';

```

Result Grid | Filter Rows | Export: | Wrap Cell Content: | Result Grid | Form Editor | Field Types

Emp_name	Branch_address
Smita Nazier	South Kalanassery,Ernakulam
Nima Raneesh	Ranipuram,Kasargod
Aryha A	Shankutapalem,Alappuzha
Asya Zod	Cheruthoni,Jalakkai
Hanisha Kassim	Pettimudi,Wayanad

No object selected

Result 29 x

Action Output

#	Time	Action	Message	Duration / Fetch
47	23:38:16	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no HAVING COUNT(*) > 1;	5 row(s) returned	0.000 sec / 0.000 sec
48	23:38:35	SELECT e.Emp_name, b.Branch_address FROM Employee e JOIN Branch b ON e.Branch_no = b.Branch_no WHERE e.Position = 'Manager';	5 row(s) returned	0.000 sec / 0.000 sec
49	23:38:47	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no HAVING COUNT(*) > 1;	5 row(s) returned	0.000 sec / 0.000 sec
50	23:38:57	SELECT e.Emp_name, b.Branch_address FROM Employee e JOIN Branch b ON e.Branch_no = b.Branch_no WHERE e.Position = 'Manager';	5 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Query Completed

26°C Partly cloudy

MySQL Workbench

Local instance MySQL80 | MySQL Model

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SQL File 5\* <

```

153 FROM Books b
154 JOIN ReturnStatus r ON b.ISBN = r.ISbn_book2;
155 -- 10. Retrieve the branch numbers along with the count of employees for branches having more than 1 employees.
156 • SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no
157 HAVING COUNT(*) > 1;
158 -- 11. Retrieve the names of employees who manage branches and their respective branch addresses.
159 • SELECT e.Emp_name, b.Branch_address FROM Employee e JOIN Branch b ON e.Branch_no = b.Branch_no
160 WHERE e.Position = 'Manager';
161 -- 12. Display the names of customers who have issued books with a rental price higher than Rs. 25.
162 • SELECT DISTINCT c.Customer_name FROM IssueStatus i JOIN Books b ON i.ISbn_book = b.ISBN
163 JOIN Customer c ON i.Issued_cust = c.Customer_Id
164 WHERE b.Rental_Price > 25;

```

Result Grid | Filter Rows | Export: | Wrap Cell Content: | Result Grid | Form Editor | Field Types

Customer_name
David Beekhan
Sarosh Sam
Jason
Sukulan M
John cena
Siman M
Samson Keri

No object selected

Result 30 x

Action Output

#	Time	Action	Message	Duration / Fetch
48	23:38:35	SELECT e.Emp_name, b.Branch_address FROM Employee e JOIN Branch b ON e.Branch_no = b.Branch_no WHERE e.Position = 'Manager';	5 row(s) returned	0.000 sec / 0.000 sec
49	23:38:47	SELECT Branch_no, COUNT(*) AS Total_Employees FROM Employee GROUP BY Branch_no HAVING COUNT(*) > 1;	5 row(s) returned	0.000 sec / 0.000 sec
50	23:38:57	SELECT e.Emp_name, b.Branch_address FROM Employee e JOIN Branch b ON e.Branch_no = b.Branch_no WHERE e.Position = 'Manager';	5 row(s) returned	0.000 sec / 0.000 sec
51	23:39:07	SELECT DISTINCT c.Customer_name FROM IssueStatus i JOIN Books b ON i.ISbn_book = b.ISBN JOIN Customer c ON i.Issued_cust = c.Customer_Id WHERE b.Rental_Price > 25;	7 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

Query Completed

26°C Partly cloudy