

MySQL Workbench

Local instance MySQL80

FileEditViewQueryDatabaseServerToolsScriptingHelp

Navigator

SCHEMAS

Filter objects

assignment_10

assignment_4

assignment_5

assignment_9

companydb

demodatabase

employeemanagement

product

sales

sample

school

school22

school_db

schoolbb3

schooldb1

schooldb2

sqlnewclass

studydb

subqueries

sys

university_management

SQL File 4*

Limit to 1000 rows

99 (403, 203, 'The Alchemist', '2023-05-01', 'ISBN004'),

100 (404, 204, 'Half Girlfriend', '2023-05-20', 'ISBN005'),

101 (405, 205, 'Wings of Fire', '2023-07-15', 'ISBN002');

102

103 • select * from returnstatus;

104

105

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

107 • select book_title, category, rental_price from books where status = 'yes';

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	book_title	category	rental_price
▶	History of India	History	50.00
	Wings of Fire	Biography	40.00
	The Alchemist	Fiction	45.00
	Half Girlfriend	Romance	35.00

books 13 x

Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 22	23:15:20	select * from customer LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓ 23	23:19:00	insert into issuestatus values(301, 201, 'History of India', '2023-06-15', 'ISBN001'), (302, 202, 'Wings of Fire', '20...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.031 sec
✓ 24	23:19:59	select * from issuestatus LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓ 25	23:21:29	insert into returnstatus values(401, 201, 'History of India', '2023-07-10', 'ISBN001'), (402, 202, 'Wings of Fire', '2...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.032 sec
✓ 26	23:22:02	select * from returnstatus LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓ 27	23:22:37	select book_title, category, rental_price from books where status = 'yes' LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

No object selected

Object Info

Session

28°C

Clear

Search

ENG IN

15-12-2024

23:22

MySQL Workbench

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SQL File 4*

Limit to 1000 rows

102

103 • select * from returnstatus;

104

105

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

107 • select book_title, category, rental_price from books where status = 'yes';

108

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

110 • select emp_name, salary from employee order by salary desc;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	emp_name	salary
▶	Prithviraj	80000.00
	Rohit Sharma	70000.00
	Mammootty	60000.00
	Mohanlal	55000.00
	Virat Kohli	45000.00

Administration

Schemas

Information

No object selected

Object Info

Session

employee 15

Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 24	23:19:59	select * from issuestatus LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓ 25	23:21:29	insert into returnstatus values(401, 201, 'History of India', '2023-07-10', 'ISBN001'), (402, 202, 'Wings of Fire', '2...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.032 sec
✓ 26	23:22:02	select * from returnstatus LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓ 27	23:22:37	select book_title, category, rental_price from books where status = 'yes' LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
✓ 28	23:24:22	select emp_name, salary from employee order by salary desc LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓ 29	23:24:34	select emp_name, salary from employee order by salary desc LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

28°C Clear

Search

MySQL Workbench

15-12-2024 23:24

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subqueries

Administration

Schemas

No object selected

Object Info

Session

Capstone Project MYSQL - Libr...

Limit to 1000 rows

110 • select emp_name, salary from employee order by salary desc;

111

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

113 • select books.book_title, customer.customer_name from issuestatus

114 join books on issuestatus.isbn_book = books.isbn join customer on issuestatus.issued_cust = customer.customer_id;

115

116

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

118 • select category, count(*) as total_books from books group by category;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	category	total_books
▶	History	1
	Biography	1
	Fiction	2
	Romance	1

Result 3 x

Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
❌ 1	13:09:33	select books.book_title, customer.customer_name from issuestatus join books on issuestatus.isbn_book = books...	Error Code: 1046. No database selected Select the default DB to be used by double-clicking its name in the SCH...	0.000 sec
✅ 2	13:09:51	use library	0 row(s) affected	0.016 sec
✅ 3	13:10:03	select books.book_title, customer.customer_name from issuestatus join books on issuestatus.isbn_book = books...	5 row(s) returned	0.016 sec / 0.000 sec
✅ 4	13:11:09	select books.book_title, customer.customer_name from issuestatus join books on issuestatus.isbn_book = books...	5 row(s) returned	0.000 sec / 0.000 sec
✅ 5	13:13:22	select category, count(*) as total_books from books group by category LIMIT 0, 1000	4 row(s) returned	0.015 sec / 0.000 sec

32°C Mostly sunny

Search

13:13 16-12-2024

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Capstone Project MYSQL - Libr...

Limit to 1000 rows

127

128 # 7. display the branch numbers and the total count of employees in each branch

129 • select branch_no, count(emp_id) as total_employees

130 from employee group by branch_no;

131

132 # 8. display the names of customers who have issued books in the month of june 2023

133 • select distinct customer.customer_name

134 from issuestatus join customer on issuestatus.issued_cust = customer.customer_id

135 where issue_date between '2023-06-01' and '2023-06-30';

Result Grid

Filter Rows:

Exports

Wrap Cell Content:

customer_name

Sachin Tendulkar

Anushka Sharma

Result 8

Output

Action Output

#	Time	Action	Message	Duration / Fetch
6	13:15:27	select emp_name, position from employee where salary > 50000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
7	13:15:59	select emp_name, position from employee where salary > 50000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
8	13:20:37	select customer_name from customer where reg_date < '2022-01-01' and customer_id not in (select issued_c...	0 row(s) returned	0.016 sec / 0.000 sec
9	13:22:21	select branch_no, count(emp_id) as total_employees from employee group by branch_no LIMIT 0, 1000	5 row(s) returned	0.016 sec / 0.000 sec
10	13:24:19	select distinct customer.customer_name from issuestatus join customer on issuestatus.issued_cust = customer...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
11	13:24:47	select distinct customer.customer_name from issuestatus join customer on issuestatus.issued_cust = customer...	2 row(s) returned	0.000 sec / 0.000 sec

No object selected

Object Info

Session

Hot weather Now

Search

16-12-2024

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Capstone Project MYSQL - Libr

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AdministrationSchemas

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No object selected

Limit to 1000 rows

118 • select category, count(*) as total_books from books group by category;

119

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

121 • select emp_name, position from employee where salary > 50000;

122

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

124 • select customer_name from customer

125 where reg_date < '2022-01-01'

126 and customer_id not in (select issued_cust from issuestatus);

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

customer_name

customer 6

Output

Action Output

#	Time	Action	Message	Duration / Fetch
3	13:10:03	select books book_title, customer customer_name from issuestatus join books on issuestatus isbn_book = boo...	5 row(s) returned	0.016 sec / 0.000 sec
4	13:11:09	select books book_title, customer customer_name from issuestatus join books on issuestatus isbn_book = boo...	5 row(s) returned	0.000 sec / 0.000 sec
5	13:13:22	select category, count(*) as total_books from books group by category LIMIT 0, 1000	4 row(s) returned	0.015 sec / 0.000 sec
6	13:15:27	select emp_name, position from employee where salary > 50000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
7	13:15:59	select emp_name, position from employee where salary > 50000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
8	13:20:37	select customer_name from customer where reg_date < '2022-01-01' and customer_id not in (select issued_c...	0 row(s) returned	0.016 sec / 0.000 sec

Object Info

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32°C

Mostly sunny

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ENG IN

13:21

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Capstone Project MYSQL - Libr...

Limit to 1000 rows

122

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

124 • select customer_name from customer

125 where reg_date < '2022-01-01'

126 and customer_id not in (select issued_cust from issuestatus);

127

128 # 7. display the branch numbers and the total count of employees in each branch

129 • select branch_no, count(emp_id) as total_employees

130 from employee group by branch_no;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	branch_no	total_employees
▶	1	1
	2	1
	3	1
	4	1
	5	1

Result 7

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 4	13:11:09	select books.book_title, customer.customer_name from issuestatus join books on issuestatus.isbn_book = boo...	5 row(s) returned	0.000 sec / 0.000 sec
✓ 5	13:13:22	select category, count(*) as total_books from books group by category LIMIT 0, 1000	4 row(s) returned	0.015 sec / 0.000 sec
✓ 6	13:15:27	select emp_name, position from employee where salary > 50000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
✓ 7	13:15:59	select emp_name, position from employee where salary > 50000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
✓ 8	13:20:37	select customer_name from customer where reg_date < '2022-01-01' and customer_id not in (select issued_c...	0 row(s) returned	0.016 sec / 0.000 sec
✓ 9	13:22:21	select branch_no, count(emp_id) as total_employees from employee group by branch_no LIMIT 0, 1000	5 row(s) returned	0.016 sec / 0.000 sec

Object Info

Session

Breaking news

Bengaluru techie...

Search

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16-12-2024

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No object selected

Object InfoSession

Capstone Project MYSQL - Libr...

Limit to 1000 rows

113 • select books.book_title, customer.customer_name from issuestatus

114 join books on issuestatus.isbn_book = books.isbn join customer on issuestatus.issued_cust = customer.customer_id;

115

116

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

118 • select category, count(*) as total_books from books group by category;

119

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

121 • select emp_name, position from employee where salary > 50000;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

emp_name	position
Mammootty	Manager
Mohanlal	Assistant Manager
Rohit Sharma	Supervisor
Prithviraj	Manager

employee 5

Output

Action Output

#	Time	Action	Message	Duration / Fetch
2	13:09:51	use library	0 row(s) affected	0.016 sec
3	13:10:03	select books.book_title, customer.customer_name from issuestatus join books on issuestatus.isbn_book = boo...	5 row(s) returned	0.016 sec / 0.000 sec
4	13:11:09	select books.book_title, customer.customer_name from issuestatus join books on issuestatus.isbn_book = boo...	5 row(s) returned	0.000 sec / 0.000 sec
5	13:13:22	select category, count(*) aa total_books from books group by category LIMIT 0, 1000	4 row(s) returned	0.015 sec / 0.000 sec
6	13:15:27	select emp_name, position from employee where salary > 50000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
7	13:15:59	select emp_name, position from employee where salary > 50000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

32°C Mostly sunny

Search

ENG IN

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schooldb1

schooldb2

sqlnewclass

studydb

subqueries

AdministrationSchemas

Information

Capstone Project MYSQL - Libr...

Limit to 1000 rows

130from employee group by branch_no;

131

132# 8. display the names of customers who have issued books in the month of june 2023.

133select distinct customer.customer_name

134from issuestatus join customer on issuestatus.issued_cust = customer.customer_id

135where issue_date between '2023-06-01' and '2023-06-30';

136

137# 9. retrieve book_title from book table containing 'history'

138select book_title from books where book_title like '%history%';

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

book_title

History of India

books 9

Output

Action Output

#	Time	Action	Message	Duration / Fetch
7	13:15:59	select emp_name, position from employee where salary > 50000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
8	13:20:37	select customer_name from customer where reg_date < '2022-01-01' and customer_id not in (select issued_c...	0 row(s) returned	0.016 sec / 0.000 sec
9	13:22:21	select branch_no, count(emp_id) as total_employees from employee group by branch_no LIMIT 0, 1000	5 row(s) returned	0.016 sec / 0.000 sec
10	13:24:19	select distinct customer customer_name from issuestatus join customer on issuestatus.issued_cust = customer...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
11	13:24:47	select distinct customer customer_name from issuestatus join customer on issuestatus.issued_cust = customer...	2 row(s) returned	0.000 sec / 0.000 sec
12	13:28:09	select book_title from books where book_title like "%history%" LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

No object selected

Object InfoSession

Nifty bank

0.15%

Search

13:28

16-12-2024

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Capstone Project MYSQL - Libr...

Limit to 1000 rows

11. retrieve the names of employees who manage branches and their respective branch addresses

select employee.emp_name, branch.branch_address from employee

join branch on employee.emp_id = branch.manager_id;

12. display the names of customers who have issued books with a rental price higher than rs. 25

select distinct customer.customer_name from issuestatus

join books on issuestatus.isbn_book = books.isbn

join customer on issuestatus.issued_cust = customer.customer_id

where books.rental_price > 25;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

customer_name

Sachin Tendulkar

MS Dhoni

Anushka Sharma

Fahadh Faasil

Dulquer Salmaan

Result 12

Output

Action Output

#	Time	Action	Message	Duration / Fetch
10	13:24:19	select distinct customer.customer_name from issuestatus join customer on issuestatus.issued_cust = customer...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
11	13:24:47	select distinct customer customer_name from issuestatus join customer on issuestatus.issued_cust = customer...	2 row(s) returned	0.000 sec / 0.000 sec
12	13:28:09	select book_title from books where book_title like "%history%" LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
13	13:30:59	select branch_no, count(emp_id) as total_employees from employee group by branch_no having count(emp_i...	0 row(s) returned	0.000 sec / 0.000 sec
14	13:33:34	select employee.emp_name, branch.branch_address from employee join branch on employee.emp_id = branc...	5 row(s) returned	0.015 sec / 0.000 sec
15	13:37:24	select distinct customer.customer_name from issuestatus join books on issuestatus.isbn_book = books.isbn jo...	5 row(s) returned	0.015 sec / 0.000 sec

No object selected

Object Info

Session

32°C Sunny

Search

13:37 16-12-2024

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Capstone Project MYSQL - Libr...

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schoolbb3
schooldb1
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AdministrationSchemas

138 • select book_title from books where book_title like 'history%';

139

140 # 10. retrieve the branch numbers along with the count of employees for branches having more than 5 employees

141 • select branch_no, count(emp_id) as total_employees

142 from employee group by branch_no having count(emp_id) > 5;

143

144 # 11. retrieve the names of employees who manage branches and their respective branch addresses

145 • select employee.emp_name, branch.branch_address from employee

146 join branch on employee.emp_id = branch.manager_id;

Result Grid

Filter Rows:

Export: Wrap Cell Content:

emp_name	branch_address
Mammootty	Kochi, Kerala
Mohanlal	Chennai, Tamil Nadu
Virat Kohli	Bangalore, Karnataka
Rohit Sharma	Mumbai, Maharashtra
Prithviraj	Delhi, Delhi

Result 11

Output

Action Output

#	Time	Action	Message	Duration / Fetch
9	13:22:21	select branch_no, count(emp_id) as total_employees from employee group by branch_no LIMIT 0, 1000	5 row(s) returned	0.016 sec / 0.000 sec
10	13:24:19	select distinct customer.customer_name from issuestatus join customer on issuestatus.issued_cust = customer...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
11	13:24:47	select distinct customer.customer_name from issuestatus join customer on issuestatus.issued_cust = customer...	2 row(s) returned	0.000 sec / 0.000 sec
12	13:28:09	select book_title from books where book_title like "history%" LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
13	13:30:59	select branch_no, count(emp_id) as total_employees from employee group by branch_no having count(emp_id) > 5;	0 row(s) returned	0.000 sec / 0.000 sec
14	13:33:34	select employee.emp_name, branch.branch_address from employee join branch on employee.emp_id = branch.manager_id;	5 row(s) returned	0.015 sec / 0.000 sec

No object selected

Object InfoSession

32°C Sunny

Search

Taskbar icons: File Explorer, Microsoft Edge, etc.

System tray: ENG IN, 13:33, 16-12-2024

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Capstone Project MYSQL - Libr...

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Information

No object selected

134from issuestatus join customer on issuestatus.issued_cust = customer.customer_id

135where issue_date between '2023-06-01' and '2023-06-30';

136

137# 9. retrieve book_title from book table containing 'history'

138• select book_title from books where book_title like '%history%';

139

140# 10. retrieve the branch numbers along with the count of employees for branches having more than 5 employees

141• select branch_no, count(emp_id) as total_employees

142from employee group by branch_no having count(emp_id) > 5;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

branch_nototal_employees

Result 10

Output

Action Output

#	Time	Action	Message	Duration / Fetch
8	13:20:37	select customer_name from customer where reg_date < '2022-01-01' and customer_id not in (select issued_c...	0 row(s) returned	0.016 sec / 0.000 sec
9	13:22:21	select branch_no, count(emp_id) as total_employees from employee group by branch_no LIMIT 0, 1000	5 row(s) returned	0.016 sec / 0.000 sec
10	13:24:19	select distinct customer customer_name from issuestatus join customer on issuestatus.issued_cust = customer...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
11	13:24:47	select distinct customer customer_name from issuestatus join customer on issuestatus.issued_cust = customer...	2 row(s) returned	0.000 sec / 0.000 sec
12	13:28:09	select book_title from books where book_title like '%history%' LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
13	13:30:59	select branch_no, count(emp_id) as total_employees from employee group by branch_no having count(emp_id)...	0 row(s) returned	0.000 sec / 0.000 sec

Object Info

Session

32°C Sunny

Search

13:31 16-12-2024