Server: 127.0.0.1 » Database: order

Structure | SQL | Search | Query | Export | Import | Operations | Privileges | Routines | Events | Triggers | Tracking

Show query box

MySQL returned an empty result set (i.e. zero rows). (Query took 0.3527 seconds.)

```
create table Salesman( salesman_id int not null, salesman_name varchar(20) not null, city varchar(20) not null, commission int not null, primary key(salesman_id)
)
```

[Edit inline] [Edit] [Create PHP code]

MySQL returned an empty result set (i.e. zero rows). (Query took 0.5949 seconds.)

```
create table Customer( customer_id int not null, customer_name varchar(20) not null, city varchar(20) not null, grade int not null, salesman_id int, primary
key(customer_id), foreign key(salesman_id) references Salesman(salesman_id) on delete set null )
```

[Edit inline] [Edit] [Create PHP code]

MySQL returned an empty result set (i.e. zero rows). (Query took 0.3254 seconds.)

```
create table Orders( order_id int not null, purchase_amt int not null, order_date date not null, customer_id int not null, salesman_id int, primary key(order_id),
foreign key(customer_id) references Customer(customer_id), foreign key(salesman_id) references Salesman(salesman_id) on delete set null )
```

[Edit inline] [Edit] [Create PHP code]

5 rows inserted. (Query took 0.1107 seconds.)

```
insert into Salesman(salesman_id,salesman_name,city,commission) values (1000,'John','Bangalore',25), (2000,'Ravi','Bangalore',20), (3000,'Kumar','Mysore',15),
(4000,'Smith','Delhi',30), (5000,'Harsha','Hyderabad',15)
```

[Edit inline] [Edit] [Create PHP code]

5 rows inserted. (Query took 0.1744 seconds.)

dmin/index.php?route=/database/structure&server=1&db=order

Server: 127.0.0.1 » Database: order

Structure | SQL | Search | Query | Export | Import | Operations | Privileges | Routines | Events | Triggers | Tracking

Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
customer	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_general_ci	32.0 KiB	-
orders	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_general_ci	48.0 KiB	-
salesman	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_general_ci	16.0 KiB	-
3 tables	Sum	15	InnoDB	utf8mb4_general_ci	96.0 KiB	0 B

Check all With selected:

Print Data dictionary

Create table

Name: Number of columns: 4

Go

dmin/index.php?route=/database/sql&db=order

Server: 127.0.0.1 » Database: order » Table: Orders

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

Show query box

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 0 (1 total, Query took 0.0122 seconds.)

```
select count(customer_name) from Customer where grade > (select avg(grade) from Customer where city = 'Bangalore')
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

count(customer_name)
3

Show all | Number of rows: 25 Filter rows: Search this table

Query results operations

Print | Copy to clipboard | Export | Display chart | Create view

Bookmark this SQL query

Label: Let every user access this bookmark

Bookmark this SQL query

Server: 127.0.0.1 » Database: order » Table: Orders

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

Showing rows 0 - 1 (2 total, Query took 0.0097 seconds.)

```
select distinct c.salesman_id,s.salesman_name from Customer c,Salesman s where c.salesman_id = s.salesman_id and 1 < (select count(customer_id) from Customer
where salesman_id = c.salesman_id)
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

salesman_id	salesman_name
1000	John
2000	Ravi

Show all | Number of rows: 25 Filter rows: Search this table

Query results operations

Print | Copy to clipboard | Export | Display chart | Create view

Bookmark this SQL query

Label: Let every user access this bookmark

Bookmark this SQL query

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Server: 127.0.0.1 » Database: order » Table: Orders

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 4 (5 total, Query took 0.0161 seconds.)

```
select s.salesman_name,c.customer_name from Salesman s,Customer c where s.salesman_id = c.salesman_id and c.city = s.city union select s.salesman_name,'No Match'
from Salesman s,Customer c where s.salesman_id = c.salesman_id and c.city != s.city
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

salesman_name	customer_name
John	Preethi
Ravi	Chethan
John	No Match
Ravi	No Match
Kumar	No Match

Show all | Number of rows: 25 Filter rows: Search this table

Query results operations

Print | Copy to clipboard | Export | Display chart | Create view

Bookmark this SQL query

Label: Let every user access this bookmark

Console

Server: 127.0.0.1 » Database: order » Table: Orders

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

MySQL returned an empty result set (i.e. zero rows). (Query took 0.1733 seconds.)

```
create view salesman_view as select o.order_date,salesman_id,sum(o.purchase_amt) from Orders o group by order_date having sum(purchase_amt) = (select max(sum(purchase_amt)) from Customer where order_date = o.order_date and salesman_id = o.salesman_id)
```

[Edit inline] [Edit] [Create PHP code]

1 row affected. (Query took 0.1787 seconds.)

```
delete from Salesman where salesman_id = 1000
```

[Edit inline] [Edit] [Create PHP code]

Showing rows 0 - 3 (4 total, Query took 0.0024 seconds.)

```
select * from Salesman
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

				salesman_id	salesman_name	city	commission
☐	Edit	Copy	Delete	2000	Ravi	Bangalore	20
☐	Edit	Copy	Delete	3000	Kumar	Mysore	15
☐	Edit	Copy	Delete	4000	Smith	Delhi	30
☐	Edit	Copy	Delete	5000	Harsha	Hyderabad	15

Check all With selected: Edit Copy Delete Export

Server: 127.0.0.1 » Database: order » Table: Orders

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

Bookmark this SQL query

Label: Let every user access this bookmark

Bookmark this SQL query

Showing rows 0 - 4 (5 total, Query took 0.0024 seconds.)

```
select * from Orders
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

←T→				order_id	purchase_amt	order_date	customer_id	salesman_id
Edit	Copy	Delete		50	5000	2017-05-04	10	*NULL*
Edit	Copy	Delete		51	450	2017-01-20	10	2000
Edit	Copy	Delete		52	1000	2017-02-24	13	2000
Edit	Copy	Delete		53	3500	2017-04-13	14	3000
Edit	Copy	Delete		54	550	2017-03-09	12	2000

Check all *With selected* Edit Copy Delete Export

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

File Edit Format View Help

```
create table Salesman(
salesman_id int not null,
salesman_name varchar(20) not null,
city varchar(20) not null,
commission int not null,
primary key(salesman_id)
);
create table Customer(
customer_id int not null,
customer_name varchar(20) not null,
city varchar(20) not null,
grade int not null,
salesman_id int,
primary key(customer_id),
foreign key(salesman_id) references Salesman(salesman_id) on delete set
null
);
create table Orders(
order_id int not null,
purchase_amt int not null,
order_date date not null,
customer_id int not null,
salesman_id int,
primary key(order_id),
foreign key(customer_id) references Customer(customer_id),
foreign key(salesman_id) references Salesman(salesman_id) on delete set
null
);
insert into Salesman(salesman_id,salesman_name,city,commission)
values (1000,'John','Bangalore',25),
(2000,'Ravi','Bangalore',20),
(3000,'Kumar','Mysore',15),
(4000,'Smith','Delhi',30),
(5000,'Harsha','Hyderabad',15);
insert into Customer(customer_id,customer_name,city,grade,salesman_id)
values (10,'Preethi','Bangalore',100,1000),
```

File Edit Format View Help

```
values (1000,'John','Bangalore',25),
(2000,'Ravi','Bangalore',20),
(3000,'Kumar','Mysore',15),
(4000,'Smith','Delhi',30),
(5000,'Harsha','Hyderabad',15);
insert into Customer(customer_id,customer_name,city,grade,salesman_id)
values (10,'Preethi','Bangalore',100,1000),
(11,'Vivek','Mangalore',300,1000),
(12,'Bhaskar','Chennai',400,2000),
(13,'Chethan','Bangalore',200,2000),
(14,'Mamatha','Bangalore',400,3000);
insert into Orders(order_id,purchase_amt,order_date,customer_id,salesman_id)
values (50,5000,'2017-05-04',10,1000),
(51,450,'2017-01-20',10,2000),
(52,1000,'2017-02-24',13,2000),
(53,3500,'2017-04-13',14,3000),
(54,550,'2017-03-09',12,2000);

•       count the customers with grades above Bangalore's average
select count(customer_name) from Customer where grade > (select avg(grade)
from Customer where city = 'Bangalore');
•       Find the name and numbers of all salesmen who had more than one customer
select distinct c.salesman_id,s.salesman_name from Customer c,Salesman s
where c.salesman_id = s.salesman_id
and 1 < (select count(customer_id) from Customer where salesman_id =
c.salesman_id);
•       List all salesmen and indicate those who have and dont have customers in their city
select s.salesman_name,c.customer_name from Salesman s,Customer c
where s.salesman_id = c.salesman_id and c.city = s.city
union
select s.salesman_name,'No Match' from Salesman s,Customer c
where s.salesman_id = c.salesman_id and c.city != s.city;
•       create a view that finds the salesman who has the customer with the highest order of the day
create view salesman_view as select o.order_date,salesman_id,sum(o.purchase_amt) from Orders o group by order_date having sum(purchase_amt) = (select max(sum(purchase_
•       delete salesman with id 1000
delete from Salesman where salesman_id = 1000; select * from Salesman; select * from Orders;
```

localhost/phpmyadmin/index.php?route=/database/structure&server=1&db=book_dealer_134

phpMyAdmin

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  - catalog
  - category
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  - publisher
- flights
- forgot_password
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- insurance
- mysql
- order
- performance_schema
- phpmyadmin
- student faculty database

Server: 127.0.0.1 » Database: book_dealer_134

Structure | SQL | Search | Query | Export | Import | Operations | Privileges | Routines | Events | Triggers | Tracking

Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
author	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_general_ci	16.0 KiB	-
catalog	Browse Structure Search Insert Empty Drop	7	InnoDB	utf8mb4_general_ci	64.0 KiB	-
category	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_general_ci	16.0 KiB	-
orderdetails	Browse Structure Search Insert Empty Drop	8	InnoDB	utf8mb4_general_ci	32.0 KiB	-
publisher	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_general_ci	16.0 KiB	-
5 tables	Sum	28	InnoDB	utf8mb4_general_ci	144.0 KiB	0 B

Check all With selected:

Print Data dictionary

Create table

Name: Number of columns: 4

Go

localhost/phpmyadmin/index.php?route=/database/sql&db=book_dealer_134

phpMyAdmin

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  - New
  - author
  - catalog
  - category
  - orderdetails
  - publisher
- flights
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- information_schema
- insurance
- mysql
- order
- performance_schema
- phpmyadmin
- student faculty database

Server: 127.0.0.1 » Database: book_dealer_134 » Table: author

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 1 (2 total, Query took 0.0203 seconds.)

```
select a.author_id,a.author_city,a.author_name,a.author_city from author a join catalog c on a.author_id=c.author_id where year>2000 and c.author_id in(select
c.author_id from catalog having count(c.author_id)>2 and price>500 )
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

author_id	author_city	author_name	author_city
1001	London	JK Rowling	London
1001	London	JK Rowling	London

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations

Print | Copy to clipboard | Export | Display chart | Create view

Bookmark this SQL query

Label: Let every user access this bookmark

Bookmark this SQL query

localhost/phpmyadmin/index.php?route=/table/sql&db=book_dealer_134&table=author

phpMyAdmin

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  - New
  - author
  - catalog
  - category
  - orderdetails
  - publisher
- flights
- forgot_password
- information_schema
- insurance
- mysql
- order
- performance_schema
- phpmyadmin
- student faculty database
- supplier database

Server: 127.0.0.1 » Database: book_dealer_134 » Table: author

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

Show query box

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 0 (1 total, Query took 0.0107 seconds.)

```
select a.author_id from author a join catalog c on a.author_id=c.author_id join orderdetails o on c.book_id=o.book_id having max(o.quantity)
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

author_id
1001

Show all | Number of rows: 25 Filter rows: Search this table

Query results operations

Print | Copy to clipboard | Export | Display chart | Create view

Bookmark this SQL query

Label: Let every user access this bookmark

Bookmark this SQL query

localhost/phpmyadmin/index.php?route=/table/sql&db=book_dealer_134&table=author

phpMyAdmin

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  - New
  - author
  - catalog
  - category
  - orderdetails
  - publisher
- flights
- forgot_password
- information_schema
- insurance
- mysql
- order
- performance_schema
- phpmyadmin
- student faculty database
- supplier database

Server: 127.0.0.1 » Database: book_dealer_134 » Table: catalog

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

```
update catalog set price=(0.1*price)+price where publisher_id=2001
```

[Edit inline] [Edit] [Create PHP code]

Showing rows 0 - 6 (7 total, Query took 0.0053 seconds.)

```
select * from catalog
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	book_id	book_title	author_id	publisher_id	category_id	year	price
Edit Copy Delete	4001	HP and Goblet Of Fire	1001	101	3001	2002	600
Edit Copy Delete	4002	HP and Order Of Phoenix	1001	102	3001	2005	650
Edit Copy Delete	4003	Two States	1002	104	3001	2009	65
Edit Copy Delete	4004	3 Mistakes of my life	1002	104	3001	2007	55
Edit Copy Delete	4005	Da Vinci Code	1004	103	3001	2004	450
Edit Copy Delete	4006	Angels and Demons	1004	103	3001	2003	350
Edit Copy Delete	4007	Artificial Intelligence	1003	102	3002	1970	500

Check all With selected: Edit Copy Delete Export

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations

Console

File Edit Format View Help

```
create database book_dealer_134;
use book_dealer_134;

create table author (
author_id INT,
author_name VARCHAR(20),
author_city VARCHAR(20),
author_country VARCHAR(20),
PRIMARY KEY(author_id));


create table publisher (
publisher_id INT,
publisher_name VARCHAR(20),
publisher_city VARCHAR(20),
publisher_country VARCHAR(20),
PRIMARY KEY(publisher_id));


create table category (
category_id INT,
description VARCHAR(30),
PRIMARY KEY(category_id));


CREATE TABLE catalog(
book_id INT,
book_title VARCHAR(30),
author_id INT,
publisher_id INT,
category_id INT,
year INT,
price INT,
PRIMARY KEY(book_id),
FOREIGN KEY(author_id) REFERENCES author(author_id),
FOREIGN KEY(publisher_id) REFERENCES publisher(publisher_id),
```

File Edit Format View Help

```
INSERT INTO author (author_id,author_name,author_city,author_country) VALUES
(1001,'JK Rowling','London','England'),
(1002,'Chetan Bhagat','Mumbai','India'),
(1003,'John McCarthy','Chicago','USA'),
(1004,'Dan Brown','California','USA') ;
select * from author;

INSERT INTO publisher (publisher_id,publisher_name,publisher_city,publisher_country) VALUES
(101,'Bloomsbury','London','England'),
(102,'Scholastic','Washington','USA'),
(103,'Pearson','London','England'),
(104,'Rupa','Delhi','India');
select * from publisher;

INSERT INTO category (category_id,description) VALUES
(3001,'Fiction'),
(3002,'Non-Fiction'),
(3003,'thriller'),
(3004,'action'),
(3005,'fiction') ;
select * from category;

INSERT INTO catalog (book_id,book_title,author_id,publisher_id,category_id,year,price) VALUES
(4001,'HP and Goblet Of Fire',1001,101,3001,2002,600),
(4002,'HP and Order Of Phoenix',1001,102,3001,2005,650),
(4003,'Two States',1002,104,3001,2009,65),
(4004,'3 Mistakes of my life',1002,104,3001,2007,55),
(4005,'Da Vinci Code',1004,103,3001,2004,450),
(4006,'Angels and Demons',1004,103,3001,2003,350),
(4007,'Artificial Intelligence',1003,102,3002,1970,500);
select * from catalog;

INSERT INTO orderdetails (order_id,book_id,quantity) VALUES
(5001,4001,5),
(5002,4002,7),
```

File Edit Format View Help

```
(3001,'Fiction'),
(3002,'Non-Fiction'),
(3003,'thriller'),
(3004,'action'),
(3005,'fiction') ;
select * from category;

INSERT INTO catalog (book_id,book_title,author_id,publisher_id,category_id,year,price) VALUES
(4001,'HP and Goblet Of Fire',1001,101,3001,2002,600),
(4002,'HP and Order Of Phoenix',1001,102,3001,2005,650),
(4003,'Two States',1002,104,3001,2009,65),
(4004,'3 Mistakes of my life',1002,104,3001,2007,55),
(4005,'Da Vinci Code',1004,103,3001,2004,450),
(4006,'Angels and Demons',1004,103,3001,2003,350),
(4007,'Artificial Intelligence',1003,102,3002,1970,500);
select * from catalog;

INSERT INTO orderdetails (order_id,book_id,quantity) VALUES
(5001,4001,5),
(5002,4002,7),
(5003,4003,15),
(5004,4004,11),
(5005,4005,9),
(5006,4006,8),
(5007,4007,2),
(5008,4004,3) ;
select * from orderdetails;

select a.author_id,a.author_city,a.author_name,a.author_city
from author a join catalog c on a.author_id=c.author_id where
year>2000 and c.author_id in(select c.author_id from catalog having
count(c.author_id)>2 and price>500 );

select a.author_id from author a join catalog c on
a.author_id=c.author_id join orderdetails o on c.book_id=o.book_id
having max(o.quantity)
```

localhost/phpmyadmin/index.php?route=/database/structure&server=1&db=stud_enrollment_134

phpMyAdmin

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- New
- banking enterprise
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- flights
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- information_schema
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- mysql
- order
- performance_schema
- phpmyadmin
- student faculty database
- stud_enrollment_134
  - New
  - book_adoption
  - course
  - enroll
  - student
  - text
- supplier database

Server: 127.0.0.1 » Database: stud_enrollment_134

Structure | SQL | Search | Query | Export | Import | Operations | Privileges | Routines | Events | Triggers | Tracking | More

Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
book_adoption	Browse Structure Search Insert Empty Drop	8	InnoDB	utf8mb4_general_ci	32.0 KiB	-
course	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_general_ci	16.0 KiB	-
enroll	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_general_ci	32.0 KiB	-
student	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_general_ci	16.0 KiB	-
text	Browse Structure Search Insert Empty Drop	8	InnoDB	utf8mb4_general_ci	16.0 KiB	-
5 tables	Sum	29	InnoDB	utf8mb4_general_ci	112.0 KiB	0 B

Check all With selected:

Print Data dictionary

Create table

Name: Number of columns: 4

Go

localhost/phpmyadmin/index.php?route=/database/sql&db=stud_enrollment_134

phpMyAdmin

Recent Favorites

- New
- banking enterprise
- book_dealer_134
- flights
- forgot_password
- information_schema
- insurance
- mysql
- order
- performance_schema
- phpmyadmin
- student faculty database
- stud_enrollment_134
  - New
  - book_adoption
  - course
  - enroll
  - student
  - text
- supplier database

Server: 127.0.0.1 » Database: stud_enrollment_134 » Table: BOOK_ADOPTION

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

✔ 1 row inserted. (Query took 0.0891 seconds.)

```
INSERT INTO text (book_isbn, book_title, publisher,author) VALUES (23,'ADA','PEARSON','SCHIELD')
```

[Edit inline] [Edit] [Create PHP code]

✔ Showing rows 0 - 8 (9 total, Query took 0.0044 seconds.)

```
SELECT * FROM TEXT
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

←T→				book_isbn	book_title	publisher	author
☐	Edit	Copy	Delete	10	DATABASE SYSTEMS	PEARSON	SCHIELD
☐	Edit	Copy	Delete	23	ADA	PEARSON	SCHIELD
☐	Edit	Copy	Delete	900	OPERATING SYS	PEARSON	LELAND
☐	Edit	Copy	Delete	901	CIRCUITS	HALL INDIA	BOB
☐	Edit	Copy	Delete	902	SYSTEM SOFTWARE	PETERSON	JACOB
☐	Edit	Copy	Delete	903	SCHEDULING	PEARSON	PATIL
☐	Edit	Copy	Delete	904	DATABASE SYSTEMS	PEARSON	JACOB
☐	Edit	Copy	Delete	905	DATABASE MANAGER	PEARSON	BOB
☐	Edit	Copy	Delete	906	SIGNALS	HALL INDIA	SUMIT

Check all *With selected:* Edit Copy Delete Export

localhost/phpmyadmin/index.php?route=/table/sql&db=stud_enrollment_134&table=BOOK_ADOPTION

phpMyAdmin

Recent Favorites

- New
- banking enterprise
- book_dealer_134
- flights
- forgot_password
- information_schema
- insurance
- mysql
- order
- performance_schema
- phpmyadmin
- student faculty database
- stud_enrollment_134
  - New
  - book_adoption
  - course
  - enroll
  - student
  - text
- supplier database

Server: 127.0.0.1 » Database: stud_enrollment_134 » Table: BOOK_ADOPTION

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

Show query box

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 3 (4 total, Query took 0.0177 seconds.) [book_title: ADA... - SCHEDULING...]

```
SELECT c.courseno,t.book_isbn,t.book_title FROM course c,book_adoption ba,text t WHERE c.courseno=ba.courseno AND ba.book_isbn=t.book_isbn AND c.dept='CSE' AND
2<( SELECT COUNT(book_isbn) FROM book_adoption b WHERE c.courseno=b.courseno) ORDER BY t.book_title
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

courseno	book_isbn	book_title ▲ 1
111	23	ADA
111	904	DATABASE SYSTEMS
111	900	OPERATING SYS
111	903	SCHEDULING

Show all | Number of rows: 25 Filter rows: Search this table

Query results operations

Print | Copy to clipboard | Export | Display chart | Create view

Bookmark this SQL query

Let every user access this bookmark

File Edit Format View Help

```sql
create database Stud_Enrollment_134;
use Stud_Enrollment_134;

CREATE TABLE student(
regno VARCHAR(30),
name VARCHAR(50),
major VARCHAR(30),
bdate DATE,
PRIMARY KEY (regno));


CREATE TABLE course(
courseno INT,
cname VARCHAR(20),
dept VARCHAR(20),
PRIMARY KEY (courseno));


CREATE TABLE enroll(
regno VARCHAR(15),
courseno INT,
sem INT(3),
marks INT(4),
PRIMARY KEY (regno,courseno),
FOREIGN KEY (regno) REFERENCES student (regno),
FOREIGN KEY (courseno) REFERENCES course (courseno));


CREATE TABLE text(
book_isbn INT(5),
book_title VARCHAR(20),
publisher VARCHAR(20),
author VARCHAR(20),
PRIMARY KEY (book_isbn));
```

File Edit Format View Help

```
CREATE TABLE book_adoption(
courseno INT,
sem INT(3),
book_isbn INT(5),
PRIMARY KEY (courseno,book_isbn),
FOREIGN KEY (courseno) REFERENCES course (courseno) on update cascade,
FOREIGN KEY (book_isbn) REFERENCES text(book_isbn)on update cascade
);


INSERT INTO student (regno,name,major,bdate) VALUES
('1BM19CS404','Md','sr','19930924'),
('1BM19CS401','Arbaz','sr','19931127'),
('1BM19CS400','Abhishek','sr','19930413'),
('1BM19CS402','Chirag','jr','19940824');
select * from student;

INSERT INTO course VALUES (111,'OS','CSE'),
(112,'TFCS','CSE'),
(113,'ADA','ISE'),
(114,'DBMS','CSE'),
(115,'C','ECE');
select * from course;

INSERT INTO text (book_isbn,book_title,publisher,author)VALUES
(10,'DATABASE SYSTEMS','PEARSON','SCHIELD'),
(900,'OPERATING SYS','PEARSON','LELAND'),
(901,'CIRCUITS','HALL INDIA','BOB'),
(902,'SYSTEM SOFTWARE','PETERSON','JACOB'),
(903,'SCHEDULING','PEARSON','PATIL'),
(904,'DATABASE SYSTEMS','PEARSON','JACOB'),
(905,'DATABASE MANAGER','PEARSON','BOB'),
(906,'SIGNALS','HALL INDIA','SUMIT');
select * from text;
```

File Edit Format View Help

```
INSERT INTO text (book_isbn,book_title,publisher,author)VALUES
(10,'DATABASE SYSTEMS','PEARSON','SCHIELD'),
(900,'OPERATING SYS','PEARSON','LELAND'),
(901,'CIRCUITS','HALL INDIA','BOB'),
(902,'SYSTEM SOFTWARE','PETERSON','JACOB'),
(903,'SCHEDULING','PEARSON','PATIL'),
(904,'DATABASE SYSTEMS','PEARSON','JACOB'),
(905,'DATABASE MANAGER','PEARSON','BOB'),
(906,'SIGNALS','HALL INDIA','SUMIT');
select * from text;

INSERT INTO enroll (regno,courseno,sem,marks) VALUES
('1BM19CS404',114,5,100),
('1BM19CS401',113,5,100),
('1BM19CS400',111,5,100),
('1BM19CS402',112,3,100);
select * from enroll;

INSERT INTO book_adoption (courseno,sem,book_isbn) VALUES
(111,5,900),
(111,5,903),
(111,5,904),
(112,3,901),
(113,3,10),
(114,5,905),
(113,5,902),
(115,3,906);
select * from book_adoption;
commit;


/*QUERIES:
01. Demonstrate how you add a new text book to the database
and make this book be adopted by some department */
```

File Edit Format View Help

```
/*QUERIES:
01. Demonstrate how you add a new text book to the database
and make this book be adopted by some department */

INSERT INTO text (book_isbn, book_title, publisher,author) VALUES (23,'ADA','PEARSON','SCHIELD');
SELECT * FROM TEXT;
INSERT INTO book_adoption (courseno,sem,book_isbn) VALUES (111,5,23);
SELECT * FROM BOOK_ADOPTION;

/*02. Produce a list of text books [include course #, Book ISBN, Book title] in the alphabetical order for courses offered by
the 'CS' department that use more than two books. STUDENT ENROLLMENT DATABASE*/

SELECT c.courseno,t.book_isbn,t.book_title
FROM course c,book_adoption ba,text t
WHERE c.courseno=ba.courseno
AND ba.book_isbn=t.book_isbn
AND c.dept='CSE'
AND 2<( SELECT COUNT(book_isbn)
FROM book_adoption b
WHERE c.courseno=b.courseno)
ORDER BY t.book_title;

/*03. List any department that has all its adopted books published by a specific publisher. */
SELECT DISTINCT c.dept FROM course c
WHERE c.dept IN ( SELECT c.dept FROM course
c,book_adoption b,text t WHERE c.courseno=b.courseno
AND t.book_isbn=b.book_isbn AND
t.publisher='PEARSON') AND c.dept NOT IN
(SELECT c.dept FROM course c,book_adoption b,
WHERE c.courseno=b.courseno AND
t.book_isbn=b.book_isbn AND t.publisher =
'PEARSON');

SELECT DISTINCT c.dept FROM course c,book_adoption b,text t
```

localhost/phpmyadmin/index.php?route=/database/structure&server=1&db=movie

phpMyAdmin

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- New
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- stud_enrollment_134
  - New
  - book_adoption
  - course
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  - student
  - text
- supplier database

Server: 127.0.0.1 » Database: movie

Structure | SQL | Search | Query | Export | Import | Operations | Privileges | Routines | Events | Triggers | Tracking | More

Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
actor	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_general_ci	16.0 KiB	-
director	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_general_ci	16.0 KiB	-
movies	Browse Structure Search Insert Empty Drop	7	InnoDB	utf8mb4_general_ci	32.0 KiB	-
movie_cast	Browse Structure Search Insert Empty Drop	7	InnoDB	utf8mb4_general_ci	48.0 KiB	-
rating	Browse Structure Search Insert Empty Drop	7	InnoDB	utf8mb4_general_ci	32.0 KiB	-
5 tables	Sum	31	InnoDB	utf8mb4_general_ci	144.0 KiB	0 B

Check all With selected:

Print Data dictionary

Create table

Name: Number of columns: 4

Go

localhost/phpmyadmin/index.php?route=/database/sql&db=movie

phpMyAdmin

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- movie
- mysql
- order
- performance_schema
- phpmyadmin
- student faculty database
- stud_enrollment_134
  - New
  - book_adoption
  - course
  - enroll
  - student
  - text
- supplier database

Server: 127.0.0.1 » Database: movie » Table: MOVIES

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

Show query box

Showing rows 0 - 1 (2 total, Query took 0.0081 seconds.)

```
SELECT M.MOVIE_TITLE FROM MOVIES M,DIRECTOR D WHERE M.DIR_ID=D.DIR_ID AND D.DIR_NAME='Alfred Hitchcock'
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

←T→				MOVIE_TITLE
☐	Edit	Copy	Delete	Red Sparrow
☐	Edit	Copy	Delete	Mission Impossible

Check all *With selected:* Edit Copy Delete Export

Show all | Number of rows: 25 Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Label: Let every user access this bookmark

localhost/phpmyadmin/index.php?route=/table/sql&db=movie&table=MOVIES

phpMyAdmin

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- phpmyadmin
- student faculty database
- stud_enrollment_134
  - New
  - book_adoption
  - course
  - enroll
  - student
  - text
- supplier database

Server: 127.0.0.1 » Database: movie » Table: MOVIES

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

Show query box

Showing rows 0 - 3 (4 total, Query took 0.0373 seconds.)

```
SELECT M.MOVIE_TITLE FROM ACTOR A,MOVIE_CAST C,MOVIES M WHERE A.ACT_ID=C.ACT_ID AND C.MOVIE_ID=M.MOVIE_ID AND A.ACT_ID IN(SELECT ACT_ID FROM MOVIE_CAST GROUP BY ACT_ID HAVING COUNT(*)>=2)
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

←T→				MOVIE_TITLE
☐	Edit	Copy	Delete	War of the Worlds
☐	Edit	Copy	Delete	Mission Impossible
☐	Edit	Copy	Delete	Spider Man
☐	Edit	Copy	Delete	Avatar

Check all *With selected:* Edit Copy Delete Export

Show all | Number of rows: 25 Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

localhost/phpmyadmin/index.php?route=/table/sql&db=movie&table=MOVIES

phpMyAdmin

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- stud_enrollment_134
  - New
  - book_adoption
  - course
  - enroll
  - student
  - text
- supplier database

Server: 127.0.0.1 » Database: movie » Table: ACTOR

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

Show query box

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 2 (3 total, Query took 0.0113 seconds.)

```
SELECT A.ACT_NAME FROM ACTOR A JOIN MOVIE_CAST MC ON A.ACT_ID=MC.ACT_ID JOIN MOVIES M ON MC.MOVIE_ID=M.MOVIE_ID WHERE M.MOVIE_YEAR NOT BETWEEN 2000 AND 2015
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

ACT_NAME
Tom Cruise
Leonardo
Jennifer Lawrence

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations

Print | Copy to clipboard | Export | Display chart | Create view

Bookmark this SQL query

Label: Let every user access this bookmark

localhost/phpmyadmin/index.php?route=/table/sql&db=movie&table=ACTOR

phpMyAdmin

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- student faculty database
- stud_enrollment_134
  - New
  - book_adoption
  - course
  - enroll
  - student
  - text
- supplier database

Server: 127.0.0.1 » Database: movie » Table: MOVIES

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

Show query box

Showing rows 0 - 6 (7 total, Query took 0.0678 seconds.) [MOVIE_TITLE: AVATAR... - WAR OF THE WORLDS...]

```
SELECT M.MOVIE_TITLE, MAX(R.RATING_STARS) AS MAXIMUM_RATING FROM MOVIES M, RATING R WHERE M.MOVIE_ID = R.MOVIE_ID GROUP BY M.MOVIE_TITLE HAVING
COUNT(R.RATING_STARS>=1) ORDER BY M.MOVIE_TITLE
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

←T→				MOVIE_TITLE	MAXIMUM_RATING
	Edit	Copy	Delete	Avatar	4
	Edit	Copy	Delete	Iron Man	5
	Edit	Copy	Delete	Mission Impossible	5
	Edit	Copy	Delete	Red Sparrow	3
	Edit	Copy	Delete	Spider Man	4
	Edit	Copy	Delete	Titanic	4
	Edit	Copy	Delete	War of the Worlds	3

Check all *With selected:* Edit Copy Delete Export

Show all | Number of rows: 25 Filter rows: Search this table

Query results operations

localhost/phpmyadmin/index.php?route=/table/sql&db=movie&table=MOVIES

phpMyAdmin

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- stud_enrollment_134
  - New
  - book_adoption
  - course
  - enroll
  - student
  - text
- supplier database

Server: 127.0.0.1 » Database: movie » Table: RATING

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

✔ 2 rows affected. (Query took 0.0580 seconds.)

```
UPDATE RATING SET RATING_STARS = 5 WHERE MOVIE_ID IN (SELECT M.MOVIE_ID FROM MOVIES M, DIRECTOR D WHERE M.DIR_ID = D.DIR_ID AND D.DIR_NAME='Steven Spielberg')
```

[Edit inline] [Edit] [Create PHP code]

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

✔ Showing rows 0 - 6 (7 total, Query took 0.0041 seconds.)

```
SELECT * FROM RATING
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

MOVIE_ID	RATING_STARS
1	5
2	5
3	5
4	3
5	4
6	4
7	5

☐ Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations

File Edit Format View Help

```sql
CREATE DATABASE MOVIE;
USE MOVIE;

CREATE TABLE ACTOR(ACT_ID INT PRIMARY KEY ,ACT_NAME VARCHAR(30),ACT_GENDER VARCHAR(30)  );

CREATE TABLE DIRECTOR(DIR_ID INT,DIR_NAME VARCHAR(30),PHONE_NO LONG,PRIMARY KEY(DIR_ID));

CREATE TABLE MOVIES(MOVIE_ID INT,MOVIE_TITLE VARCHAR(30),MOVIE_YEAR INT,MOVIE_LANG VARCHAR(30),DIR_ID INT,
    PRIMARY KEY(MOVIE_ID),
        FOREIGN KEY(DIR_ID) REFERENCES DIRECTOR(DIR_ID) ON UPDATE CASCADE);

CREATE TABLE MOVIE_CAST(ACT_ID INT,MOVIE_ID INT,ROLE VARCHAR(30),
        FOREIGN KEY(ACT_ID) REFERENCES ACTOR(ACT_ID) ON DELETE CASCADE ON UPDATE CASCADE,
        FOREIGN KEY(MOVIE_ID) REFERENCES MOVIES(MOVIE_ID) ON DELETE CASCADE ON UPDATE CASCADE);

CREATE TABLE RATING(MOVIE_ID INT,RATING_STARS INT CHECK (RATING_STARS<=5),
        FOREIGN KEY(MOVIE_ID) REFERENCES MOVIES(MOVIE_ID) ON UPDATE CASCADE);


INSERT INTO ACTOR(ACT_ID,ACT_NAME,ACT_GENDER) VALUES
(1, 'Tom Cruise','MALE' ),
(2, 'Leonardo','MALE'),
(3, 'Robert Downey', 'MALE'),
 (4, 'Jennifer Lawrence','FEMALE'),
(5, 'Emma Stone','FEMALE');
select * from ACTOR;

INSERT INTO DIRECTOR(DIR_ID, DIR_NAME, PHONE_NO) VALUES
(1, 'Steven Spielberg', 99988776600),
(2, 'Christopher', 9988776611),
(3, 'Alfred Hitchcock', 9988776622),
(4, 'Tim Burton', 9988776633),
(5, 'James Cameron', 9988776644);
select * from DIRECTOR;
INSERT INTO MOVIES(MOVIE_ID,MOVIE_TITLE,MOVIE_YEAR,MOVIE_LANG,DIR_ID) VALUES
(1,'War of the Worlds', 2005, 'ENG', 1),
```

File Edit Format View Help

```
INSERT INTO DIRECTOR(DIR_ID, DIR_NAME, PHONE_NO) VALUES
(1, 'Steven Spielberg', 99988776600),
(2, 'Christopher', 9988776611),
(3, 'Alfred Hitchcock', 9988776622),
(4, 'Tim Burton', 9988776633),
(5, 'James Cameron', 9988776644);
select * from DIRECTOR;
INSERT INTO MOVIES(MOVIE_ID,MOVIE_TITLE,MOVIE_YEAR,MOVIE_LANG,DIR_ID) VALUES
(1,'War of the Worlds', 2005, 'ENG', 1),
(2,'Titanic', 1997, 'ENG', 1),
(3,'Iron Man', 2008, 'ENG', 2),
(4,'Red Sparrow', 2018, 'ENG', 3),
(5,'Spider Man',2015, 'ENG', 4),
(6, 'Avatar', 2009, 'ENG', 5),
(7,'Mission Impossible',2017,'ENG',3);
select * from MOVIES;

INSERT INTO MOVIE_CAST(ACT_ID, MOVIE_ID,ROLE) VALUES
(1, 1, 'LEAD'),
(1, 7, 'LEAD'),
(2, 2, 'LEAD'),
(3, 3, 'LEAD'),
(4, 4, 'LEAD'),
(5, 5, 'LEAD'),
 (5,6,'CO-STAR');
 select * FROM MOVIE_CAST;

INSERT INTO RATING(MOVIE_ID, RATING_STARS) VALUES
(1, 3),
(2, 4),
(3, 5),
(4, 3),
(5, 4),
(6, 4),
(7, 5);
```

File Edit Format View Help

```
(4, 3),
(5, 4),
(6, 4),
(7, 5);

SELECT * FROM RATING;


-- 3. List the titles of all movies directed by 'Hitchcock'.
SELECT M.MOVIE_TITLE FROM MOVIES M,DIRECTOR D WHERE M.DIR_ID=D.DIR_ID
AND D.DIR_NAME='Alfred Hitchcock';

-- 4. Find the movie names where one or more actors acted in two or more movies.
SELECT M.MOVIE_TITLE FROM ACTOR A,MOVIE_CAST C,MOVIES M WHERE A.ACT_ID=C.ACT_ID AND
C.MOVIE_ID=M.MOVIE_ID AND A.ACT_ID IN(SELECT ACT_ID FROM MOVIE_CAST GROUP BY ACT_ID HAVING COUNT(*)>=2);

-- 5. List all actors who acted in a movie before 2000 and also in a movie after 2015 (use JOIN operation).
SELECT A.ACT_NAME FROM ACTOR A
JOIN MOVIE_CAST MC ON A.ACT_ID=MC.ACT_ID
JOIN MOVIES M ON MC.MOVIE_ID=M.MOVIE_ID
WHERE M.MOVIE_YEAR NOT BETWEEN 2000 AND 2015;

-- 6. Find the title of movies and number of stars for each movie that has at least one rating and find the highest
-- number of stars that movie received. Sort the result by movie title.
SELECT M.MOVIE_TITLE, MAX(R.RATING_STARS) AS MAXIMUM_RATING FROM MOVIES M, RATING R
WHERE M.MOVIE_ID = R.MOVIE_ID GROUP BY M.MOVIE_TITLE HAVING COUNT(R.RATING_STARS>=1) ORDER BY M.MOVIE_TITLE;


-- 7. Update rating of all movies directed by 'Steven Spielberg' to 5.
UPDATE RATING SET RATING_STARS = 5 WHERE MOVIE_ID IN
(SELECT M.MOVIE_ID FROM MOVIES M, DIRECTOR D WHERE M.DIR_ID = D.DIR_ID
AND D.DIR_NAME='Steven Spielberg');
SELECT * FROM RATING;
```

phpMyAdmin

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- movie
- mysql
- order
- performance_schema
- phpmyadmin
- student faculty database
- stud_enrollment_134
- supplier database

Server: 127.0.0.1 » Database: college_134

Structure | SQL | Search | Query | Export | Import | Operations | Privileges | Routines | Events | Triggers | Tracking

Show query box

Showing rows 0 - 1 (2 total, Query took 0.0135 seconds.)

```
SELECT S.*, SS.SEM, SS.SEC FROM STUDENT S, SEMSEC SS, CLASS C WHERE S.USN = C.USN AND SS.SSID = C.SSID AND SS.SEM = 4 AND SS.SEC='A'
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

USN	SNAME	ADDRESS	PHONE	GENDER	SEM	SEC
1RN15CS011	AJAY	TUMKUR	1232654578	M	4	A
1RN15CS029	CHITRA	DAVANGERE	1232654578	F	4	A

Show all | Number of rows: 25 Filter rows: Search this table

Query results operations

Print | Copy to clipboard | Export | Display chart | Create view

Bookmark this SQL query

Label: Let every user access this bookmark

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Server: 127.0.0.1 » Database: college_134

Structure | SQL | Search | Query | Export | Import | Operations | Privileges | Routines | Events | Triggers | Tracking

Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
class	Browse Structure Search Insert Empty Drop	9	InnoDB	utf8mb4_general_ci	32.0 KiB	-
iamarks	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_general_ci	48.0 KiB	-
semsec	Browse Structure Search Insert Empty Drop	24	InnoDB	utf8mb4_general_ci	16.0 KiB	-
student	Browse Structure Search Insert Empty Drop	14	InnoDB	utf8mb4_general_ci	16.0 KiB	-
subject	Browse Structure Search Insert Empty Drop	9	InnoDB	utf8mb4_general_ci	16.0 KiB	-
5 tables	Sum	61	InnoDB	utf8mb4_general_ci	128.0 KiB	0 B

Check all With selected:

Print Data dictionary

Create table

Name: Number of columns: 4

Go

phpMyAdmin

Recent Favorites

- New
- banking enterprise
  - Tables
    - New
    - bankaccount
    - bankcustomer
    - borrower
    - branch
    - depositer
    - loan
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- flights
- forgot_password
- information_schema
- insurance
- movie
- mysql
- order
- performance_schema
- phpmyadmin
- student faculty database
- stud_enrollment_134
- supplier database

Server: 127.0.0.1 » Database: college_134

Structure | SQL | Search | Query | Export | Import | Operations | Privileges | Routines | Events | Triggers | Tracking

Show query box

Showing rows 0 - 7 (8 total, Query took 0.0158 seconds.)

```
SELECT SS.SEM, SS.SEC, S.GENDER, COUNT(S.GENDER) AS COUNT FROM STUDENT S, SEMSEC SS, CLASS C WHERE S.USN = C.USN AND SS.SSID = C.SSID GROUP BY SS.SEM, SS.SEC,
S.GENDER ORDER BY SEM
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

SEM 1	SEC	GENDER	COUNT
4	A	F	1
4	A	M	1
7	A	F	1
7	A	M	2
8	A	F	1
8	A	M	1
8	B	F	1
8	C	F	1

Show all | Number of rows: 25 Filter rows: Search this table

Query results operations

Print | Copy to clipboard | Export | Display chart | Create view

localhost/phpmyadmin/index.php?route=/database/sql&db=college_134

phpMyAdmin

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  - Tables
    - New
    - bankaccount
    - bankcustomer
    - borrower
    - branch
    - depositer
    - loan
  - Views
- book_dealer_134
- college_134
  - Tables
  - Views
- flights
- forgot_password
- information_schema
- insurance
- movie
- mysql
- order
- performance_schema
- phpmyadmin
- student faculty database
- stud_enrollment_134

Server: 127.0.0.1 » Database: college_134 » View: STU_TEST1_MARKS_VIEW

Browse | Structure | SQL | Search | Insert | Export | Privileges | Operations | Tracking

Show query box

✔ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0659 seconds.)

```
CREATE VIEW STU_TEST1_MARKS_VIEW AS SELECT TEST1, SUBCODE FROM IAMARKS WHERE USN = '1RN13CS091'
```

[Edit inline] [Edit] [Create PHP code]

⚠ Current selection does not contain a unique column. Grid edit, Edit, Copy and Delete features may result in undesired behavior.

✔ Showing rows 0 - 4 (5 total, Query took 0.0070 seconds.)

```
select * from STU_TEST1_MARKS_VIEW
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

←T→				TEST1	SUBCODE
	Edit	Copy	Delete	15	10CS81
	Edit	Copy	Delete	12	10CS82
	Edit	Copy	Delete	19	10CS83
	Edit	Copy	Delete	20	10CS84
	Edit	Copy	Delete	15	10CS85

Check all With selected: Edit Copy Delete Export

localhost/phpmyadmin/index.php?route=/table/sql&db=college_134&table=STU_TEST1_MARKS_VIEW

phpMyAdmin

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- college_134
  - Tables
  - Views
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- information_schema
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- phpmyadmin
- student faculty database
- stud_enrollment_134

Server: 127.0.0.1 » Database: college_134 » Table: STUDENT

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

Show query box

✔ Showing rows 0 - 4 (5 total, Query took 0.0216 seconds.)

```
SELECT S.USN,S.SNAME,S.ADDRESS,S.PHONE,S.GENDER, (CASE WHEN IA.FINALIA BETWEEN 17 AND 20 THEN 'OUTSTANDING' WHEN IA.FINALIA BETWEEN 12 AND 16 THEN 'AVERAGE' ELSE
'WEAK' END) AS CAT FROM STUDENT S, SEMSEC SS, IAMARKS IA, SUBJECT SUB WHERE S.USN = IA.USN AND SS.SSID = IA.SSID AND SUB.SUBCODE = IA.SUBCODE AND SUB.SEM = 8
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table

+ Options

←T→	USN	SNAME	ADDRESS	PHONE	GENDER	CAT
Edit Copy Delete	1RN13CS091	TEESHA	BENGALURU	1232654578	F	WEAK
Edit Copy Delete	1RN13CS091	TEESHA	BENGALURU	1232654578	F	WEAK
Edit Copy Delete	1RN13CS091	TEESHA	BENGALURU	1232654578	F	WEAK
Edit Copy Delete	1RN13CS091	TEESHA	BENGALURU	1232654578	F	WEAK
Edit Copy Delete	1RN13CS091	TEESHA	BENGALURU	1232654578	F	WEAK

Check all *With selected:* Edit Copy Delete Export

Show all | Number of rows: 25 Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

File Edit Format View Help

```sql
create database college_134;
use college_134;
-- drop database college_134;
CREATE TABLE STUDENT (
USN VARCHAR (10) PRIMARY KEY,
SNAME VARCHAR (25),
ADDRESS VARCHAR (25),
PHONE INT ,
GENDER CHAR (1));

CREATE TABLE SEMSEC (
SSID VARCHAR (5) PRIMARY KEY,
SEM INT ,
SEC CHAR (1));

CREATE TABLE CLASS (
USN VARCHAR (10),
SSID VARCHAR (5),
PRIMARY KEY (USN, SSID),
FOREIGN KEY (USN) REFERENCES STUDENT (USN),
FOREIGN KEY (SSID) REFERENCES SEMSEC (SSID));

CREATE TABLE SUBJECT (
SUBCODE VARCHAR (8),
TITLE VARCHAR (20),
SEM INT,
CREDITS INT,
PRIMARY KEY (SUBCODE));

CREATE TABLE IAMARKS (
USN VARCHAR (10),
SUBCODE VARCHAR (8),
SSID VARCHAR (5),
TEST1 INT,
TEST2 INT,
TEST3 INT,
```

File Edit Format View Help

```
FINALIA INT,
PRIMARY KEY (USN, SUBCODE, SSID),
FOREIGN KEY (USN) REFERENCES STUDENT (USN),
FOREIGN KEY (SUBCODE) REFERENCES SUBJECT (SUBCODE),
FOREIGN KEY (SSID) REFERENCES SEMSEC (SSID));


INSERT INTO STUDENT VALUES ('1RN13CS020','AKSHAY','BELAGAVI', 1232654578,'M');
INSERT INTO STUDENT VALUES ('1RN13CS062','SANDHYA','BENGALURU', 1232654578,'F');
INSERT INTO STUDENT VALUES ('1RN13CS091','TEESHA','BENGALURU', 1232654578,'F');
INSERT INTO STUDENT VALUES ('1RN13CS066','SUPRIYA','MANGALURU', 1232654578,'F');
INSERT INTO STUDENT VALUES ('1RN14CS010','ABHAY','BENGALURU', 1232654578,'M');
INSERT INTO STUDENT VALUES ('1RN14CS032','BHASKAR','BENGALURU', 1232654578,'M');
INSERT INTO STUDENT VALUES ('1RN14CS025','ASMI','BENGALURU', 1232654578,'F');
INSERT INTO STUDENT VALUES ('1RN15CS011','AJAY','TUMKUR', 1232654578,'M');
INSERT INTO STUDENT VALUES ('1RN15CS029','CHITRA','DAVANGERE', 1232654578,'F');
INSERT INTO STUDENT VALUES ('1RN15CS045','JEEVA','BELLARY', 1232654578,'M');
INSERT INTO STUDENT VALUES ('1RN15CS091','SANTOSH','MANGALURU', 1232654578,'M');
INSERT INTO STUDENT VALUES ('1RN16CS045','ISMAIL','KALBURGI', 1232654578,'M');
INSERT INTO STUDENT VALUES ('1RN16CS088','SAMEERA','SHIMOGA', 1232654578,'F');
INSERT INTO STUDENT VALUES ('1RN16CS122','VINAYAKA','CHIKAMAGALUR', 1232654578,'M');


INSERT INTO SEMSEC VALUES ('CSE8A', 8,'A');
INSERT INTO SEMSEC VALUES ('CSE8B', 8,'B');
INSERT INTO SEMSEC VALUES ('CSE8C', 8,'C');
INSERT INTO SEMSEC VALUES ('CSE7A', 7,'A');
INSERT INTO SEMSEC VALUES ('CSE7B', 7,'B');
INSERT INTO SEMSEC VALUES ('CSE7C', 7,'C');
INSERT INTO SEMSEC VALUES ('CSE6A', 6,'A');
INSERT INTO SEMSEC VALUES ('CSE6B', 6,'B');
INSERT INTO SEMSEC VALUES ('CSE6C', 6,'C');
INSERT INTO SEMSEC VALUES ('CSE5A', 5,'A');
INSERT INTO SEMSEC VALUES ('CSE5B', 5,'B');
INSERT INTO SEMSEC VALUES ('CSE5C', 5,'C');
INSERT INTO SEMSEC VALUES ('CSE4A', 4,'A');
```

File Edit Format View Help

```
INSERT INTO SEMSEC VALUES ('CSE4B', 4,'B');
INSERT INTO SEMSEC VALUES ('CSE4C', 4,'C');
INSERT INTO SEMSEC VALUES ('CSE3A', 3,'A');
INSERT INTO SEMSEC VALUES ('CSE3B', 3,'B');
INSERT INTO SEMSEC VALUES ('CSE3C', 3,'C');
INSERT INTO SEMSEC VALUES ('CSE2A', 2,'A');
INSERT INTO SEMSEC VALUES ('CSE2B', 2,'B');
INSERT INTO SEMSEC VALUES ('CSE2C', 2,'C');
INSERT INTO SEMSEC VALUES ('CSE1A', 1,'A');
INSERT INTO SEMSEC VALUES ('CSE1B', 1,'B');
INSERT INTO SEMSEC VALUES ('CSE1C', 1,'C');

INSERT INTO CLASS VALUES ('1RN13CS020','CSE8A');
INSERT INTO CLASS VALUES ('1RN13CS062','CSE8A');
INSERT INTO CLASS VALUES ('1RN13CS066','CSE8B');
INSERT INTO CLASS VALUES ('1RN13CS091','CSE8C');
INSERT INTO CLASS VALUES ('1RN14CS010','CSE7A');
INSERT INTO CLASS VALUES ('1RN14CS025','CSE7A');
INSERT INTO CLASS VALUES ('1RN14CS032','CSE7A');
INSERT INTO CLASS VALUES ('1RN15CS011','CSE4A');
INSERT INTO CLASS VALUES ('1RN15CS029','CSE4A');


INSERT INTO SUBJECT VALUES ('10CS81','ACA', 8, 4);
INSERT INTO SUBJECT VALUES ('10CS82','SSM', 8, 4);
INSERT INTO SUBJECT VALUES ('10CS83','NM', 8, 4);
INSERT INTO SUBJECT VALUES ('10CS84','CC', 8, 4);
INSERT INTO SUBJECT VALUES ('10CS85','PW', 8, 4);
INSERT INTO SUBJECT VALUES ('10CS71','OOAD', 7, 4);
INSERT INTO SUBJECT VALUES ('10CS72','ECS', 7, 4);
INSERT INTO SUBJECT VALUES ('10CS73','PTW', 7, 4);
INSERT INTO SUBJECT VALUES ('10CS74','DWDM', 7, 4);


INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3) VALUES ('1RN13CS091','10CS81','CSE8C', 15, 16, 18);
INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3) VALUES ('1RN13CS091','10CS82','CSE8C', 12, 19, 14);
```

File Edit Format View Help

```
INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3) VALUES ('1RN13CS091','10CS81','CSE8C', 15, 16, 18);
INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3) VALUES ('1RN13CS091','10CS82','CSE8C', 12, 19, 14);
INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3) VALUES ('1RN13CS091','10CS83','CSE8C', 19, 15, 20);
INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3) VALUES ('1RN13CS091','10CS84','CSE8C', 20, 16, 19);
INSERT INTO IAMARKS (USN, SUBCODE, SSID, TEST1, TEST2, TEST3) VALUES ('1RN13CS091','10CS85','CSE8C', 15, 15, 12);

select * from iamarks;
select * from subject;
select * from student;
select * from semsec;
select * from class;
/* List all the student details studying in fourth semester 'A' section */

SELECT S.*, SS.SEM, SS.SEC
FROM STUDENT S, SEMSEC SS, CLASS C
WHERE S.USN = C.USN AND SS.SSID = C.SSID AND SS.SEM = 4 AND SS.SEC='A';

/* Compute the total number of male and female students in each semester and in each section */

SELECT SS.SEM, SS.SEC, S.GENDER, COUNT(S.GENDER) AS COUNT
FROM STUDENT S, SEMSEC SS, CLASS C
WHERE S.USN = C.USN AND
SS.SSID = C.SSID
GROUP BY SS.SEM, SS.SEC, S.GENDER
ORDER BY SEM;

/* Create a view of Test1 marks of student USN '1BI15CS101' in all subjects */

CREATE VIEW STU_TEST1_MARKS_VIEW
AS
SELECT TEST1, SUBCODE
FROM IAMARKS
WHERE USN = '1RN13CS091';
select * from STU_TEST1_MARKS_VIEW;

/* Categorize students based on the following criterion:
```

File Edit Format View Help

```
SELECT SS.SEM, SS.SEC, S.GENDER, COUNT(S.GENDER) AS COUNT
FROM STUDENT S, SEMSEC SS, CLASS C
WHERE S.USN = C.USN AND
SS.SSID = C.SSID
GROUP BY SS.SEM, SS.SEC, S.GENDER
ORDER BY SEM;

/* Create a view of Test1 marks of student USN '1BI15CS101' in all subjects */

CREATE VIEW STU_TEST1_MARKS_VIEW
AS
SELECT TEST1, SUBCODE
FROM IAMARKS
WHERE USN = '1RN13CS091';
select * from STU_TEST1_MARKS_VIEW;

/* Categorize students based on the following criterion:
If FinalIA = 17 to 20 then CAT = 'Outstanding'
If FinalIA = 12 to 16 then CAT = 'Average'
If FinalIA< 12 then CAT = 'Weak'
Give these details only for 8th semester A, B, and C section students */

update iamarks set finalia=(test1+test2+test2)/3;

SELECT S.USN,S.SNAME,S.ADDRESS,S.PHONE,S.GENDER,
(CASE
WHEN IA.FINALIA BETWEEN 17 AND 20 THEN 'OUTSTANDING'
WHEN IA.FINALIA BETWEEN 12 AND 16 THEN 'AVERAGE'
ELSE 'WEAK'
END) AS CAT
FROM STUDENT S, SEMSEC SS, IAMARKS IA, SUBJECT SUB
WHERE S.USN = IA.USN AND
SS.SSID = IA.SSID AND
SUB.SUBCODE = IA.SUBCODE AND
SUB.SEM = 8;
commit
```