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

				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;
```