

# Online Supporstore management system

## Salesman table

```
MariaDB [PROJECT]> create table salesman (Sal_id int,sal_name varchar(20),Region
varchar(20),contact_no varchar(15));
Query OK, 0 rows affected (0.296 sec)
```

```
MariaDB [project]> desc salesman;
```

Field	Type	Null	Key	Default	Extra
Sal_id	int(11)	NO	PRI	NULL	
sal_name	varchar(20)	YES		NULL	
Region	varchar(20)	YES		NULL	
contact_no	varchar(15)	YES		NULL	

4 rows in set (0.062 sec)

```
MariaDB [PROJECT]> insert into salesman values(101,"Ajay", "West India","8146892409"),
(102,"Swapnila","South India","9867130256"),(103,"Shekhar","North India","7802345162");
Query OK, 3 rows affected (0.065 sec)
Records: 3 Duplicates: 0 Warnings: 0
```

```
MariaDB [PROJECT]> select * from salesman;
```

Sal_id	sal_name	Region	contact_no
101	Ajay	West India	8146892409
102	Swapnila	South India	9867130256
103	Shekhar	North India	7802345162

3 rows in set (0.001 sec)

## Customer table

```
MariaDB [Project]> create table Customer (Cust_id int Primary key,Cust_Fname
varchar(20),Cust_Lname varchar(20), Gender enum("M","F"),Address varchar(20),Salary
int,sal_id int,foreign key(sal_id) references salesman(Sal_id));
Query OK, 0 rows affected (0.293 sec)
```

```
MariaDB [project]> desc customer;
```

Field	Type	Null	Key	Default	Extra
Cust_id	int(11)	NO	PRI	NULL	
Cust_Fname	varchar(20)	YES		NULL	
Cust_Lname	varchar(20)	YES		NULL	
Gender	enum('M','F')	YES		NULL	
Address	varchar(20)	YES		NULL	
Salary	int(11)	YES		NULL	
Sal_id	int(11)	YES	MII	NULL	

```

+-----+-----+-----+-----+-----+-----+
7 rows in set (0.071 sec)

```

```

MariaDB [Project]> insert into customer values(01,"John","Clad","M","Mumbai",50000,101),
(02,"Mario","Clue","F","Pune",50000,101),(03,"Julee","Oshe","F","Thane",60000,101),
(04,"Browser","Armit","M","Hyderabad",80000,102),
(05,"Princess","Peach","F","Delhi",45000,103),(06,"keya","charli","F","Mumbai",75000,101),
(07,"Remo","fernandes","M","Bangalore",85000,102),
(08,"Terence","Lewis","M","Delhi",60000,103),
(09,"Johnny","Depp","M","Hyderabad",45000,102),
(10,"shiyana","D'suza","F","Delhi",80000,103),(11,"Harry","Greene","M","Thane",55000,103),
(12,"Alice","Bixby","M","Pune",75000,101),(13,"Maria","Castell","F","Mumbai",60000,101),
(14,"Rob","Grady","M","Hyderabad",50000,102),
(15,"Katherine","Catini","F","Banglore",80000,102);
Query OK, 15 rows affected (0.088 sec)
Records: 15 Duplicates: 0 Warnings: 0

```

```

MariaDB [project]> select * from customer;

```

```

+-----+-----+-----+-----+-----+-----+-----+
| Cust_id | Cust_Fname | Cust_Lname | Gender | Address | Salary | Sal_id |
+-----+-----+-----+-----+-----+-----+-----+
| 1 | John | Clad | M | Mumbai | 50000 | 101 |
| 2 | Mario | Clue | F | Pune | 50000 | 101 |
| 3 | Julee | Oshe | F | Thane | 60000 | 101 |
| 4 | Browser | Armit | M | Hyderabad | 80000 | 102 |
| 5 | Princess | Peach | F | Delhi | 45000 | 103 |
| 6 | keya | charli | F | Mumbai | 75000 | 101 |
| 7 | Remo | fernandes | M | Bangalore | 85000 | 102 |
| 8 | Terence | Lewis | M | Delhi | 60000 | 103 |
| 9 | Johnny | Depp | M | Hyderabad | 45000 | 102 |
| 10 | shiyana | D'suza | F | Delhi | 80000 | 103 |
| 11 | Harry | Greene | M | Delhi | 55000 | 103 |
| 12 | Alice | Bixby | M | Pune | 75000 | 101 |
| 13 | Maria | Castell | F | Mumbai | 60000 | 101 |
| 14 | Rob | Grady | M | Hyderabad | 50000 | 102 |
| 15 | Katherine | Catini | F | Banglore | 80000 | 102 |
+-----+-----+-----+-----+-----+-----+-----+
15 rows in set (0.599 sec)

```

## Product Order table

```

MariaDB [project]>Create table product_order(order_id varchar(20) primary key,cust_id int
,product_id varchar(20),category varchar(20),Product_name varchar(20),Price
int,Cust_Address varchar(20),Order_date date,Sal_id int,foreign key(sal_id) references
salesman(Sal_id));

```

```

MariaDB [project]> desc product_order;

```

```

+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Order_id | varchar(10) | NO | PRI | NULL | |
| Cust_id | int(11) | YES | | NULL | |
| Product_id | varchar(20) | YES | | NULL | |
| Category | varchar(20) | YES | | NULL | |
| Product_name | varchar(20) | YES | | NULL | |
| Price | int(11) | YES | | NULL | |
| cust_Address | varchar(20) | YES | | NULL | |
| order_date | date | YES | | NULL | |

```

```
| sal_id      | int(11)      | YES | MUL | NULL      |      |
+-----+-----+-----+-----+-----+-----+
9 rows in set (0.179 sec)
```

```
MariaDB [project]> insert into product_order values("OI1134",1,"PD2011","Furniture","Story
Bookcase",2500,"Mumbai","2021-08-12",101),("OI1135",2,"PD2012","Furniture","Rotating
chair",3000,"Pune","2021-01-01",101),("OI1136",2,"PD2013","Office Supplies","Name
Labels",8500,"Pune","2021-06-27",101),("OI1137",3,"PD2014","Furniture","Laptop
Table",4500,"Thane","2021-12-18",101),("OI1138",3,"PD2019","Office
supplies","Binders",2000,"Thane","2021-08-04",101),
("OI1139",3,"PD2016","Furniture","Kitchen furnishing",9000,"Thane","2021-04-08",101),
("OI1140",4,"PD2022","Furniture","Sofa",7000,"Hyderabad","2021-06-12",102),
("OI1141",4,"PD2018","Technology","Smart phone",5500,"Hyderabad","2021-07-18",102),
("OI1142",5,"PD2019","Office supplies","Binders",2000,"Delhi","2021-02-27",103),
("OI1143",6,"PD2020","Office Supplies","Home appliances",9000,"Mumbai","2021-08-18",101),
("OI1144",6,"PD2016","Furniture","Kitchen furnishing",9000,"Mumbai","2021-01-04",101),
("OI1145",7,"PD2022","Furniture","Sofa",7000,"Bangalore","2021-07-07",102),
("OI1146",8,"PD2023","Office supplies","Xerox notecards",5000,"Delhi","2021-02-24",103),
("OI1147",9,"PD2012","Furniture","Rotating chair",3000,"Hyderabad","2021-06-10",102),
("OI1148",9,"PD2025","Technology","Laser",9000,"Hyderabad","2021-04-30",102),
("OI1149",10,"PD2026","Furniture","Corner Piece",8500,"Delhi","2021-12-05",103),
("OI1151",11,"PD2015","Office Supplies","File Storage",7000,"Delhi","2021-03-22",103),
("OI1152",11,"PD2021","Technology","TV",4500,"Delhi","2021-10-13",103),
("OI1153",12,"PD2017","Office Supplies","Fine Art",5000,"Pune","2021-05-22",101),
("OI1154",12,"PD2024","Technology","USB",3000,"Pune","2021-11-18",101),
("OI1155",13,"PD2026","Furniture","Corner Piece",8500,"Mumbai","2021-12-11",101),
("OI1156",14,"PD2014","Furniture","Laptop Table",4500,"Hyderabad","2021-03-21",102),
("OI1157",14,"PD2019","Office Supplies","Binders",2000,"Hyderabad","2021-09-17",102),
("OI1158",3,"PD2024","Technology","USB",3000,"Bangalore","2021-05-14",102);
Query OK, 24 rows affected (0.075 sec)
Records: 24 Duplicates: 0 Warnings: 0;
```

```
MariaDB [PROJECT]> Select * from Product_order;
```

```
+-----+-----+-----+-----+-----+-----+-----+-----+
-----+-----+-----+
| Order_id | Cust_id | Product_id | Category          | Product_name          | Price |
cust_Address | order_date | sal_id |
+-----+-----+-----+-----+-----+-----+-----+-----+
-----+-----+-----+
| OI1134   | 1       | PD2011     | Furniture         | Story Bookcase        | 2500  | Mumbai
| 2021-08-12 | 101    |
| OI1135   | 2       | PD2012     | Furniture         | Rotating chair        | 3000  | Pune
| 2021-01-01 | 101    |
| OI1136   | 2       | PD2013     | Office Supplies   | Name Labels           | 8500  | Pune
| 2021-06-27 | 101    |
| OI1137   | 3       | PD2014     | Furniture         | Laptop Table          | 4500  | Thane
| 2021-12-18 | 101    |
| OI1138   | 3       | PD2019     | Office supplies   | Binders                | 2000  | Thane
| 2021-08-04 | 101    |
| OI1139   | 3       | PD2016     | Furniture         | Kitchen furnishing    | 9000  | Thane
| 2021-04-08 | 101    |
| OI1140   | 4       | PD2022     | Furniture         | Sofa                  | 7000  |
Hyderabad | 2021-06-12 | 102 |
| OI1141   | 4       | PD2018     | Technology        | Smart phone           | 5500  |
Hyderabad | 2021-07-18 | 102 |
| OI1142   | 5       | PD2019     | Office supplies   | Binders                | 2000  | Delhi
| 2021-02-27 | 103    |
```

## Simple view

FullName	Address	Salary
John Clad	Mumbai	50000
Mario Clue	Pune	50000
Julee Oshe	Thane	60000
Browzer Armit	Hyderabad	80000
Princess Peach	Delhi	45000
keya charli	Mumbai	75000
Remo fernandes	Bangalore	85000
Terence Lewis	Delhi	60000
Johnny Depp	Hyderabad	45000
shiyana D'suza	Delhi	80000
Harry Greene	Delhi	55000
Alice Bixby	Pune	75000
Maria Castell	Mumbai	60000
Rob Grady	Hyderabad	50000

```
| Katherine Catini | Bangalore | 80000 |
+-----+-----+-----+
15 rows in set (0.001 sec)
```

## Complx View

```
MariaDB [project]> Create view Orders_details as select C.cust_id
,P.product_name,p.category,p.price
-> from customer C
-> Inner join product_order p
-> using (cust_id);
Query OK, 0 rows affected (0.089 sec)
```

```
MariaDB [project]> select * from orders_details;
+-----+-----+-----+-----+
| cust_id | product_name      | category      | price |
+-----+-----+-----+-----+
| 1       | Story Bookcase    | Furniture     | 2500  |
| 2       | Rotating chair    | Furniture     | 3000  |
| 2       | Name Labels       | Office Supplies | 8500  |
| 3       | Laptop Table      | Furniture     | 4500  |
| 3       | Binders           | Office supplies | 2000  |
| 3       | Kitchen furnishing | Furniture     | 9000  |
| 4       | Sofa              | Furniture     | 7000  |
| 4       | Smart phone       | Technology    | 5500  |
| 5       | Binders           | Office supplies | 2000  |
| 6       | Home appliances   | Office Supplies | 9000  |
| 6       | Kitchen furnishing | Furniture     | 9000  |
| 7       | Sofa              | Furniture     | 7000  |
| 8       | Xerox notecards   | Office supplies | 5000  |
| 9       | Rotating chair    | Furniture     | 3000  |
| 9       | Laser             | Technology    | 9000  |
| 10      | Corner Piece      | Furniture     | 8500  |
| 11      | File Storage      | Office Supplies | 7000  |
| 11      | TV                | Technology    | 4500  |
| 12      | Fine Art          | Office Supplies | 5000  |
| 12      | USB               | Technology    | 3000  |
| 13      | Corner Piece      | Furniture     | 8500  |
| 14      | Laptop Table      | Furniture     | 4500  |
| 14      | Binders           | Office Supplies | 2000  |
| 3       | USB               | Technology    | 3000  |
+-----+-----+-----+-----+
24 rows in set (0.001 sec)
```

## Create a view which contain information about Customer order details

```
MariaDB [PROJECT]> Create view Customer_and_order_details as select distinct
concat(customer.Cust_fname," ",customer.cust_lname) as
"Full_Name",product_order.category,product_order.price,order_date,cust_address from
product_order
-> inner join customer on product_order.cust_id = customer.cust_id
-> where customer.address = product_order.cust_address;
Query OK, 0 rows affected (0.102 sec)
```

```
MariaDB [PROJECT]> select * from Customer_and_order_details;
+-----+-----+-----+-----+-----+
| Full_Name | category | price | order_date | cust_address |
+-----+-----+-----+-----+-----+
```

Full_Name	category	price	order_date	cust_address
John Clad	Furniture	2500	2021-08-12	Mumbai
Mario Clue	Furniture	3000	2021-01-01	Pune
Mario Clue	Office Supplies	8500	2021-06-27	Pune
Julee Oshe	Furniture	4500	2021-12-18	Thane
Julee Oshe	Office supplies	2000	2021-08-04	Thane
Julee Oshe	Furniture	9000	2021-04-08	Thane
Browzer Armit	Furniture	7000	2021-06-12	Hyderabad
Browzer Armit	Technology	5500	2021-07-18	Hyderabad
Princess Peach	Office supplies	2000	2021-02-27	Delhi
keya charli	Office Supplies	9000	2021-08-18	Mumbai
keya charli	Furniture	9000	2021-01-04	Mumbai
Remo fernandes	Furniture	7000	2021-07-07	Bangalore
Terence Lewis	Office supplies	5000	2021-02-24	Delhi
Johnny Depp	Furniture	3000	2021-06-10	Hyderabad
Johnny Depp	Technology	9000	2021-04-30	Hyderabad
shiyana D'suza	Furniture	8500	2021-12-05	Delhi
Harry Greene	Office Supplies	7000	2021-03-22	Delhi
Harry Greene	Technology	4500	2021-10-13	Delhi
Alice Bixby	Office Supplies	5000	2021-05-22	Pune
Alice Bixby	Technology	3000	2021-11-18	Pune
Maria Castell	Furniture	8500	2021-12-11	Mumbai
Rob Grady	Furniture	4500	2021-03-21	Hyderabad
Rob Grady	Office Supplies	2000	2021-09-17	Hyderabad

23 rows in set (0.100 sec)

## Display the customer\_name and product\_name handled by salesmans per regions

```
MariaDB [PROJECT]> select
salesman.sal_name,salesman.region,customer.cust_fname,product_order.product_name from
salesman
-> inner join customer on salesman.sal_id=customer.sal_id
-> inner join product_order on salesman.sal_id=product_order.sal_id
-> where customer.cust_id = product_order.cust_id;
```

sal_name	region	cust_fname	product_name
Ajay	West India	John	Story Bookcase
Ajay	West India	Mario	Rotating chair
Ajay	West India	Mario	Name Labels
Ajay	West India	Julee	Laptop Table
Ajay	West India	Julee	Binders
Ajay	West India	Julee	Kitchen furnishing
Ajay	West India	keya	Home appliances
Ajay	West India	keya	Kitchen furnishing
Ajay	West India	Alice	Fine Art
Ajay	West India	Alice	USB
Ajay	West India	Maria	Corner Piece
Swapnila	South India	Browzer	Sofa
Swapnila	South India	Browzer	Smart phone
Swapnila	South India	Remo	Sofa
Swapnila	South India	Johnny	Rotating chair
Swapnila	South India	Johnny	Laser
Swapnila	South India	Rob	Laptop Table

Swapnila	South India	Rob	Binders
Shekhar	North India	Princess	Binders
Shekhar	North India	Terence	Xerox notecards
Shekhar	North India	shiyana	Corner Piece
Shekhar	North India	Harry	File Storage
Shekhar	North India	Harry	TV

-----

23 rows in set (0.018 sec)

## Display the count and total price per category

```
MariaDB [PROJECT]> select category, count(Category) as "Count of Products",sum(price) as "Sum of price per category" from product_order group by category;
```

category	Count of Products	Sum of price per category
Furniture	11	66500
Office Supplies	8	40500
Technology	5	25000

-----

3 rows in set (0.001 sec)

## Display information of sales according to seasons wise sales

```
MariaDB [PROJECT]> select
Product_order.cust_id,product_order.product_name,product_order.price,product_order.order_date,
-> case
-> when month(product_order.order_date) in(6,7,8,9) then "Rainy Sale"
-> When month(product_order.order_date) in(10,11,12,1) then "Winter Sale"
-> else "Summer Sale"
-> end as Season_Wise_sale
-> from product_order;
```

cust_id	product_name	price	order_date	Season_Wise_sale
1	Story Bookcase	2500	2021-08-12	Rainy Sale
2	Rotating chair	3000	2021-01-01	Winter Sale
2	Name Labels	8500	2021-06-27	Rainy Sale
3	Laptop Table	4500	2021-12-18	Winter Sale
3	Binders	2000	2021-08-04	Rainy Sale
3	Kitchen furnishing	9000	2021-04-08	Summer Sale
4	Sofa	7000	2021-06-12	Rainy Sale
4	Smart phone	5500	2021-07-18	Rainy Sale
5	Binders	2000	2021-02-27	Summer Sale
6	Home appliances	9000	2021-08-18	Rainy Sale
6	Kitchen furnishing	9000	2021-01-04	Winter Sale
7	Sofa	7000	2021-07-07	Rainy Sale
8	Xerox notecards	5000	2021-02-24	Summer Sale
9	Rotating chair	3000	2021-06-10	Rainy Sale
9	Laser	9000	2021-04-30	Summer Sale
10	Corner Piece	8500	2021-12-05	Winter Sale
11	File Storage	7000	2021-03-22	Summer Sale

11	TV	4500	2021-10-13	Winter Sale
12	Fine Art	5000	2021-05-22	Summer Sale
12	USB	3000	2021-11-18	Winter Sale
13	Corner Piece	8500	2021-12-11	Winter Sale
14	Laptop Table	4500	2021-03-21	Summer Sale
14	Binders	2000	2021-09-17	Rainy Sale
3	USB	3000	2021-05-14	Summer Sale

24 rows in set (0.055 sec)

## Display the information of customer according to furniture category .

```
MariaDB [PROJECT]> select concat(customer.cust_fname," ",customer.cust_Lname) as
"Cust_Full_Name" ,Customer.Address, Product_order.Category ,product_order.product_name
from customer,product_order
-> where customer.cust_id=product_order.cust_id and
product_order.category="Furniture";
```

Cust_Full_Name	Address	Category	product_name
John Clad	Mumbai	Furniture	Story Bookcase
Mario Clue	Pune	Furniture	Rotating chair
Julee Oshe	Thane	Furniture	Laptop Table
Julee Oshe	Thane	Furniture	Kitchen furnishing
Browzer Armit	Hyderabad	Furniture	Sofa
keya charli	Mumbai	Furniture	Kitchen furnishing
Remo fernandes	Bangalore	Furniture	Sofa
Johnny Depp	Hyderabad	Furniture	Rotating chair
shiyana D'suza	Delhi	Furniture	Corner Piece
Maria Castell	Mumbai	Furniture	Corner Piece
Rob Grady	Hyderabad	Furniture	Laptop Table

11 rows in set (0.070 sec)