

# ONLINE FOOD DELIVERY MANAGEMENT SYSTEM

## USING MYSQL

---

**Name:** K Goverdhan

**Batch no:** BHO9

**Project Title:** Online food delivery Management System

**SQL (Structured Query Language)** which is a domain-specific Language used for managing and manipulating relational databases .SQL command statements are used communicate with a database and perform tasks such as update data on a database , or retrieve data from a database.

**MYSQL** is an open-source Relational Database Management System (RDBMS) that uses SQL as it's query language. Mysql is known for its speed, reliability, and ease of use. It allows you to handle , store, modify and delete data and store data in an organized way.

You have been assigning to create a database of Online food delivery management database system that should store information about orders, products and delivery. Design the database scheme.

# ONLINE FOOD DELIVERY

## List of Tables and Contents:

### 1. ORDER TABLE

- Order Id
- Customer Id
- Order Item
- Order Date
- Restaurant Name
- Delivery Boy Id (DBID)

### 2. PRODUCT TABLE

- Order Id
- Order Item
- Cost of Item

### 3. Delivery Table

- Order Id
- Delivery Boy Name (dbname)
- Delivery Boy Phono (dbphno)
- Delivery Boy Vehicle no (dbvehiclno)
- Delivery Location (dl)

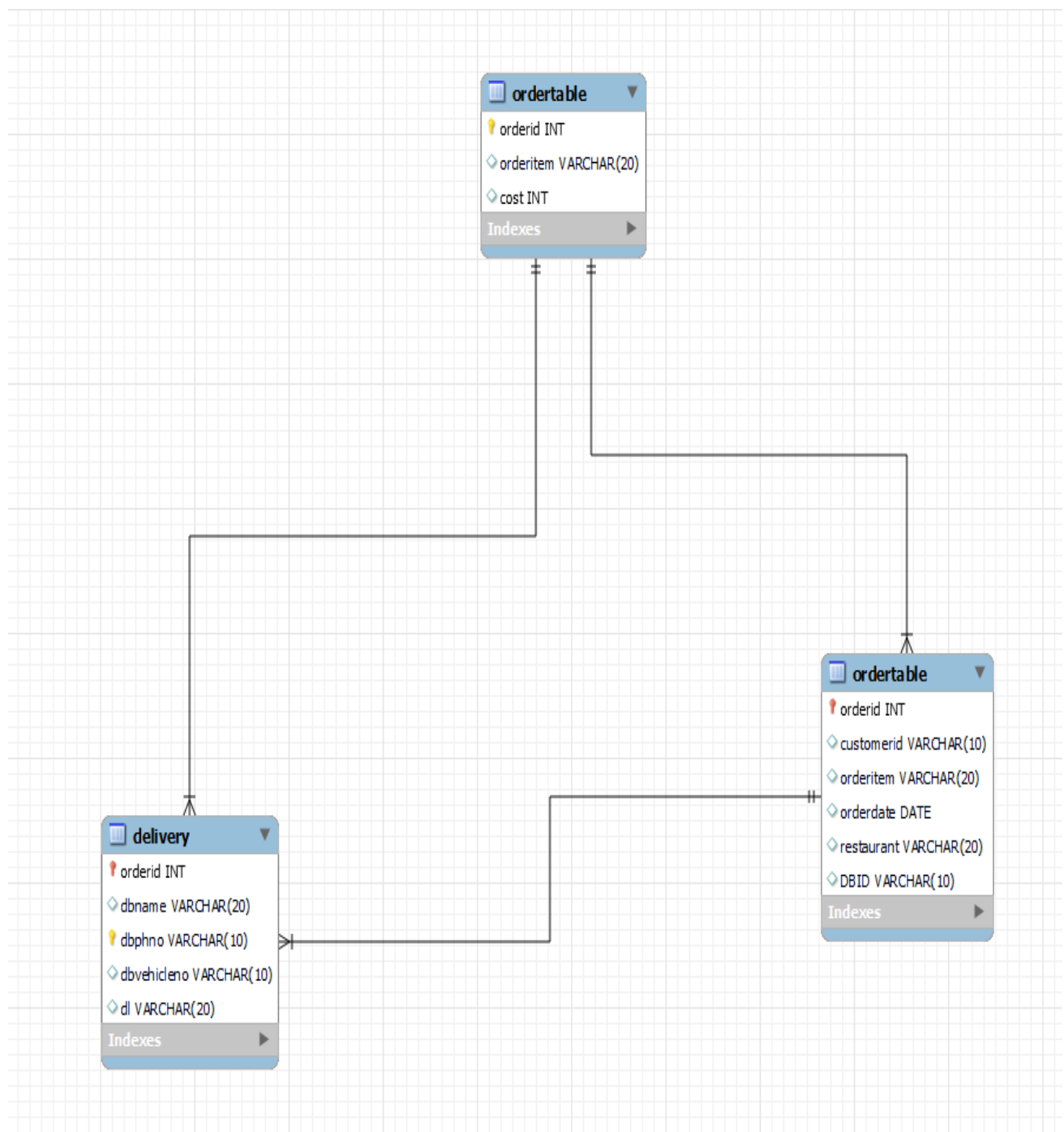
## Basic commands:

Create -used to create table or database

Select – used for data retrieval

Desc – used to see the table format.

## Entity Relationship (ER) Diagram:

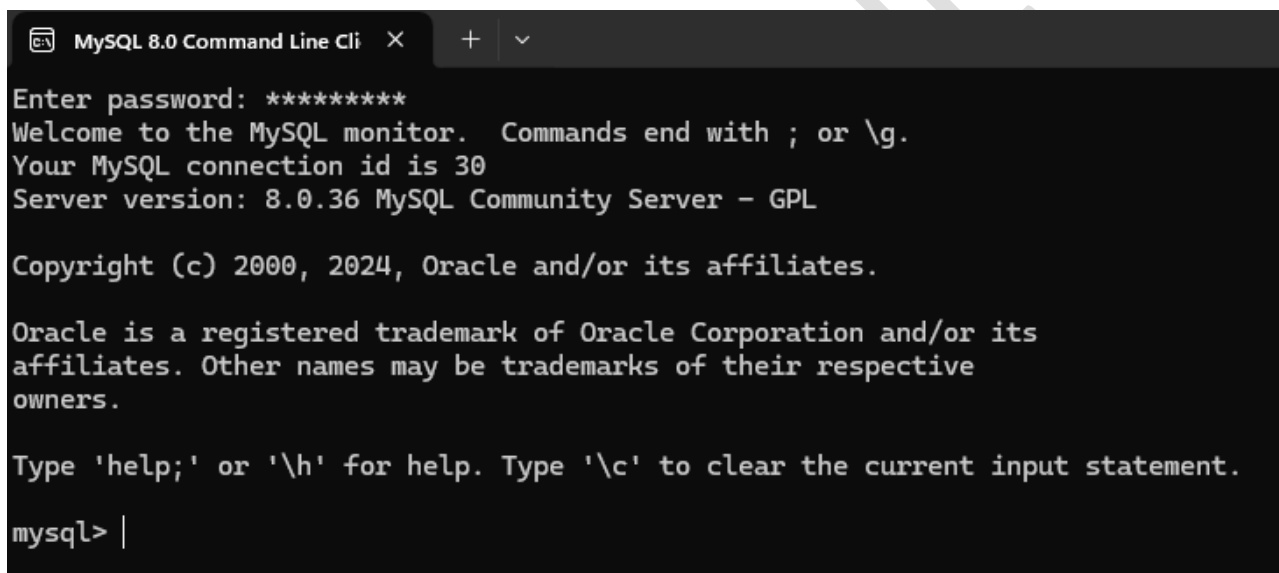


## My Sql Command Prompt:

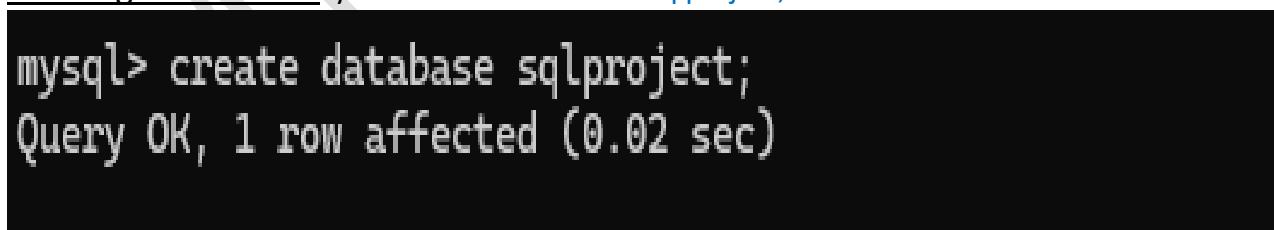
Before entering the Password:



After entering the Password:



Creating a Database: Syntax : [create database sqlproject;](#)



To view the existing databases syntax is as follows

Syntax : [show databases;](#)

```
mysql> show databases;
+-----+
| Database |
+-----+
| gov      |
| information_schema |
| mysql    |
| performance_schema |
| project  |
| sqlproject |
| sys      |
+-----+
7 rows in set (0.02 sec)
```

### Use database:

To confirm the location of data we use it

Use `sqlproject`;

```
mysql> use sqlproject;
Database changed
mysql> |
```

### Create table:

Creating tables Order, Product and Delivery tables

#### I. Order Table:

Syntax: `create table ordertable(ordered int, customerid int, orderitem varchar(40), orderdate date, restaurant varchar(40), DBID varchar(10));`

```
mysql> create table ordertable(orderid int, customerid int, orderitem varchar(20), orderdate date, restaurant varchar(20), DBID varchar(10));
Query OK, 0 rows affected (0.04 sec)
```

To view the structure used command `desc ordertable;`

```
mysql> desc ordertable;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| orderid    | int           | YES  |     | NULL    |       |
| customerid | int           | YES  |     | NULL    |       |
| orderitem  | varchar(20)   | YES  |     | NULL    |       |
| orderdate  | date          | YES  |     | NULL    |       |
| restaurant | varchar(20)   | YES  |     | NULL    |       |
| DBID       | varchar(10)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.01 sec)
```

II. Product Table:

Syntax: `create table product(orderid int,orderitem varchar(20),cost int);`

And `desc product;`

```
mysql> create table product(orderid int,orderitem varchar(20),cost int);
Query OK, 0 rows affected (0.02 sec)

mysql> desc product;
```

Field	Type	Null	Key	Default	Extra
orderid	int	YES		NULL	
orderitem	varchar(20)	YES		NULL	
cost	int	YES		NULL	

```
3 rows in set (0.00 sec)
```

III. Delivery Table:

Syntax: `create table delivery(orderid int, dbname varchar(20),dbphno int,dbvehiclno varchar(10),dl varchar(20));`

And `desc delivery;`

```
mysql> create table delivery(orderid int,dbname varchar(20),dbphno int,dbvehiclno varchar(10),dl varchar(20));
Query OK, 0 rows affected (0.02 sec)

mysql> desc delivery;
```

Field	Type	Null	Key	Default	Extra
orderid	int	YES		NULL	
dbname	varchar(20)	YES		NULL	
dbphno	int	YES		NULL	
dbvehiclno	varchar(10)	YES		NULL	
dl	varchar(20)	YES		NULL	

```
5 rows in set (0.00 sec)
```

Adding Primary Key:

- I. Syntax: `alter table ordertable add primary key (orderid);`

```
mysql> alter table ordertable add primary key (orderid);
Query OK, 0 rows affected (0.11 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> desc ordertable;
```

Field	Type	Null	Key	Default	Extra
orderid	int	NO	PRI	NULL	
customerid	varchar(10)	YES		NULL	
orderitem	varchar(20)	YES		NULL	
orderdate	date	YES		NULL	
restaurant	varchar(20)	YES		NULL	
DBID	varchar(10)	YES		NULL	

```
6 rows in set (0.01 sec)
```

II. Syntax: `alter table product add primary key (orderid);`

```
mysql> alter table product add primary key (orderid);
Query OK, 0 rows affected (0.05 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> desc product;
```

Field	Type	Null	Key	Default	Extra
orderid	int	NO	PRI	NULL	
orderitem	varchar(20)	YES		NULL	
cost	int	YES		NULL	

```
3 rows in set (0.00 sec)
```

III Syntax: `alter table delivery add primary key (orderid,dbphno);`

```
mysql> alter table delivery add primary key (orderid,dbphno);
Query OK, 0 rows affected (0.04 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> desc delivery;
```

Field	Type	Null	Key	Default	Extra
orderid	int	NO	PRI	NULL	
dbname	varchar(20)	YES		NULL	
dbphno	int	NO	PRI	NULL	
dbvehicleno	varchar(10)	YES		NULL	
dI	varchar(20)	YES		NULL	

```
5 rows in set (0.00 sec)
```

## Inserting Data into the Tables:

### I. Order table:

Syntax: `insert into ordertable values(1,"a001","Biryani","2024-01-01","shadab","suri44"),`

- > `(2,"b002","Haleem","2024-02-23","saghouse","ravi666"),`
- > `(3,"c902","Paya,roti","2024-02-21","shadab","ram111"),`
- > `(4,"d050","Muttonkeema","2024-01-01","Bawarchi","raj4343"),`
- > `(5,"e6060","Mutton biryani","2024-02-03","Mehfil","vinod2211"),`
- > `(6,"f3030","Butternaan,c65","2024-02-23","pentaiah","veru9898"),`
- > `(7,"g2626","grill mandi","2024-03-24","manditown","ash2020"),`
- > `(8,"h0909","kunafa","2024-03-24","manditown","kumar4242");`

Select command is used for data retrieval `select * from ordertable;`

```
mysql> insert into ordertable values(1,"a001","Biryani","2024-01-01","shadab","suri44"),
-> (2,"b002","Haleem","2024-02-23","saghouse","ravi666"),
-> (3,"c902","Paya,roti","2024-02-21","shadab","ram111"),
-> (4,"d050","Muttonkeema","2024-01-01","Bawarchi","raj4343"),
-> (5,"e6060","Mutton biryani","2024-02-03","Mehfil","vinod2211"),
-> (6,"f3030","Butternaan,c65","2024-02-23","pentaiah","veru9898"),
-> (7,"g2626","grill mandi","2024-03-24","manditown","ash2020"),
-> (8,"h0909","kunafa","2024-03-24","manditown","kumar4242");
```

```
Query OK, 8 rows affected (0.01 sec)
Records: 8 Duplicates: 0 Warnings: 0
```

```
mysql> select * from ordertable;
```

orderid	customerid	orderitem	orderdate	restaurant	DBID
1	a001	Biryani	2024-01-01	shadab	suri44
2	b002	Haleem	2024-02-23	saghouse	ravi666
3	c902	Paya,roti	2024-02-21	shadab	ram111
4	d050	Muttonkeema	2024-01-01	Bawarchi	raj4343
5	e6060	Mutton biryani	2024-02-03	Mehfil	vinod2211
6	f3030	Butternaan,c65	2024-02-23	pentaiah	veru9898
7	g2626	grill mandi	2024-03-24	manditown	ash2020
8	h0909	kunafa	2024-03-24	manditown	kumar4242

```
8 rows in set (0.00 sec)
```

### II Product Table:

Syntax: `insert into product values(1,"biryani",180),`

- > `(2,"Haleem",150),`
- > `(3,"Paya ,roti",300),`
- > `(4,"Muttonkeema",200),`
- > `(5,"Mutton biryani",190),`
- > `(6,"Butternaan,c65",350),`
- > `(7,"grill mandi",450),`
- > `(8,"kunafa",150);`



```
mysql> insert into product values(1,"biryani",180),
-> (2,"Haleem",150),
-> (3,"Paya ,roti",300),
-> (4,"Muttonkeema",200),
-> (5,"Mutton biryani",190),
-> (6,"Butternaan,c65",350),
-> (7,"grill mandi",450),
-> (8,"kunafa",150);
```

Query OK, 8 rows affected (0.01 sec)  
Records: 8 Duplicates: 0 Warnings: 0

```
mysql> select * from product;
```

orderid	orderitem	cost
1	biryani	180
2	Haleem	150
3	Paya ,roti	300
4	Muttonkeema	200
5	Mutton biryani	190
6	Butternaan,c65	350
7	grill mandi	450
8	kunafa	150

8 rows in set (0.00 sec)

### III Delivery Table:

Syntax: insert into delivery values (1,"Suresh",9390386344,"Ap 1023","Madhapur pno:1730"),

-> (2,"Ravi",6304644468,"TS 4466","CBES hostel"),

-> (3,"Ram",9177117378,"TG 2345","Guru pg"),

-> (4,"Raju",8106139218,"TN 8208","chitrapuri"),

-> (5,"Vinod",7673456990,"K 0006","packetprep"),

-> (6,"Veeresh",6304710305,"CH 4562","ayyapa socities"),

-> (7,"Ashwin",9872456300,"AS 2390","sv hostel kokapet"),

-> (8,"Kumar",6445044701,"K 5500","cauzy kokapet");

```
mysql> insert into delivery values (1,"Suresh",9390386344,"Ap 1023","Madhapur pno:1730"),
-> (2,"Ravi",6304644468,"TS 4466","CBES hostel"),
-> (3,"Ram",9177117378,"TG 2345","Guru pg"),
-> (4,"Raju",8106139218,"TN 8208","chitrapuri"),
-> (5,"Vinod",7673456990,"K 0006","packetprep"),
-> (6,"Veeresh",6304710305,"CH 4562","ayyapa socities"),
-> (7,"Ashwin",9872456300,"AS 2390","sv hostel kokapet"),
-> (8,"Kumar",6445044701,"K 5500","cauzy kokapet");
```

Query OK, 8 rows affected (0.01 sec)  
Records: 8 Duplicates: 0 Warnings: 0

```
mysql> select * from delivery;
```

orderid	dbname	dbphno	dbvehicleno	dl
1	Suresh	9390386344	Ap 1023	Madhapur pno:1730
2	Ravi	6304644468	TS 4466	CBES hostel
3	Ram	9177117378	TG 2345	Guru pg
4	Raju	8106139218	TN 8208	chitrapuri
5	Vinod	7673456990	K 0006	packetprep
6	Veeresh	6304710305	CH 4562	ayyapa socities
7	Ashwin	9872456300	AS 2390	sv hostel kokapet
8	Kumar	6445044701	K 5500	cauzy kokapet

8 rows in set (0.00 sec)

## Adding Foreign Key:

Syntax: `alter table delivery add foreign key (orderid) references product(orderid);`

```
mysql> alter table delivery add foreign key (orderid) references product(orderid);
Query OK, 8 rows affected (0.06 sec)
Records: 8 Duplicates: 0 Warnings: 0
```

```
mysql> desc delivery;
```

Field	Type	Null	Key	Default	Extra
orderid	int	NO	PRI	NULL	
dbname	varchar(20)	YES		NULL	
dbphno	varchar(10)	NO	PRI	NULL	
dbvehicleno	varchar(10)	YES		NULL	
dl	varchar(20)	YES		NULL	

5 rows in set (0.00 sec)

Syntax: `alter table ordertable add foreign key (orderid) references product(orderid);`

```
mysql> alter table ordertable add foreign key (orderid) references product(orderid);
Query OK, 8 rows affected (0.06 sec)
Records: 8 Duplicates: 0 Warnings: 0
```

```
mysql> desc ordertable;
```

Field	Type	Null	Key	Default	Extra
orderid	int	NO	PRI	NULL	
customerid	varchar(10)	YES		NULL	
orderitem	varchar(20)	YES		NULL	
orderdate	date	YES		NULL	
restaurant	varchar(20)	YES		NULL	
DBID	varchar(10)	YES		NULL	

6 rows in set (0.00 sec)

Syntax: `alter table delivery add foreign key (orderid) references ordertable(orderid);`

```
mysql> alter table delivery add foreign key (orderid) references ordertable(orderid);
Query OK, 8 rows affected (0.07 sec)
Records: 8 Duplicates: 0 Warnings: 0
```

```
mysql> desc ordertable;
```

Field	Type	Null	Key	Default	Extra
orderid	int	NO	PRI	NULL	
customerid	varchar(10)	YES		NULL	
orderitem	varchar(20)	YES		NULL	
orderdate	date	YES		NULL	
restaurant	varchar(20)	YES		NULL	
DBID	varchar(10)	YES		NULL	

6 rows in set (0.00 sec)

## Adding text to the newly added column in product:

```
mysql> update product set totalorders=200 where cost=150;
Query OK, 2 rows affected (0.02 sec)
Rows matched: 2  Changed: 2  Warnings: 0

mysql> update product set totalorders=100 where cost in (300,190);
Query OK, 2 rows affected (0.01 sec)
Rows matched: 2  Changed: 2  Warnings: 0

mysql> update product set totalorders=400 where cost in (180,200);
Query OK, 2 rows affected (0.01 sec)
Rows matched: 2  Changed: 2  Warnings: 0

mysql> update product set totalorders=150 where cost in (350,450);
Query OK, 2 rows affected (0.01 sec)
Rows matched: 2  Changed: 2  Warnings: 0

mysql> select * from product;
```

orderid	orderitem	cost	totalorders
1	biryani	180	400
2	Haleem	150	200
3	Paya ,roti	300	100
4	Muttonkeema	200	400
5	Mutton biryani	190	100
6	Butternaan,c65	350	150
7	grill mandi	450	150
8	kunafa	150	200

```
8 rows in set (0.00 sec)
```

## Aggregate Functions:

```
mysql> select sum(totalorders) from product;
```

sum(totalorders)
1700

```
1 row in set (0.01 sec)

mysql> select avg(totalorders) from product;
```

avg(totalorders)
212.5000

```
1 row in set (0.01 sec)

mysql> select count(orderitem) from ordertable;
```

count(orderitem)
8

```
1 row in set (0.03 sec)

mysql> select min(orderdate) from ordertable;
```

min(orderdate)
2024-01-01

```
1 row in set (0.01 sec)

mysql> select max(orderdate) from ordertable;
```

max(orderdate)
2024-03-24

```
1 row in set (0.00 sec)

mysql> select * from ordertable order by customerid desc;
ERROR 1146 (42S02): Table 'sqlproject.ordertable' doesn't exist
mysql> select * from ordertable order by customerid desc;
```

orderid	customerid	orderitem	orderdate	restaurant	DBID
8	h0909	kunafa	2024-03-24	manditown	kumar4242
7	g2626	grill mandi	2024-03-24	manditown	ash2020
6	f3030	Butternaan,c65	2024-02-23	pentaiah	veru9898
5	e6060	Mutton biryani	2024-02-03	Mehfil	vinod2211
4	d050	Muttonkeema	2024-01-01	Bawarchi	raj4343
3	c902	Paya,roti	2024-02-21	shadab	ram111
2	b002	Haleem	2024-02-23	saghouse	ravi666
1	a001	Biryani	2024-01-01	shadab	suri44

## Group by clause:

Query to retrieve the records from the ordertable aggregated by max(orderdate) and grouped by orderid.

```
mysql> select * from ordertable where orderdate in (select max(orderdate) from ordertable) group by orderid;
```

orderid	customerid	orderitem	orderdate	restaurant	DBID
7	g2626	grill mandi	2024-03-24	manditown	ash2020
8	h0909	kunafa	2024-03-24	manditown	kumar4242

2 rows in set (0.01 sec)

## Cross Join:

Syntax: `select * from product cross join delivery;`

```
mysql> select * from product cross join delivery;
```

orderid	orderitem	cost	totalorders	orderid	dbname	dbphno	dbvehicleno	dL
8	kunafa	150	200	1	Suresh	9390386344	Ap 1023	Madhapur pno:1730
7	grill mandi	450	150	1	Suresh	9390386344	Ap 1023	Madhapur pno:1730
6	Butternaan,c65	350	150	1	Suresh	9390386344	Ap 1023	Madhapur pno:1730
5	Mutton biryani	190	100	1	Suresh	9390386344	Ap 1023	Madhapur pno:1730
4	Muttonkeema	200	400	1	Suresh	9390386344	Ap 1023	Madhapur pno:1730
3	Paya ,roti	300	100	1	Suresh	9390386344	Ap 1023	Madhapur pno:1730
2	Hallem	150	200	1	Suresh	9390386344	Ap 1023	Madhapur pno:1730
1	biryani	180	400	1	Suresh	9390386344	Ap 1023	Madhapur pno:1730
8	kunafa	150	200	2	Ravi	6304644468	TS 4466	CBES hostel
7	grill mandi	450	150	2	Ravi	6304644468	TS 4466	CBES hostel
6	Butternaan,c65	350	150	2	Ravi	6304644468	TS 4466	CBES hostel
5	Mutton biryani	190	100	2	Ravi	6304644468	TS 4466	CBES hostel
4	Muttonkeema	200	400	2	Ravi	6304644468	TS 4466	CBES hostel
3	Paya ,roti	300	100	2	Ravi	6304644468	TS 4466	CBES hostel
2	Hallem	150	200	2	Ravi	6304644468	TS 4466	CBES hostel
1	biryani	180	400	2	Ravi	6304644468	TS 4466	CBES hostel
8	kunafa	150	200	3	Ram	9177117378	TG 2345	Guru pg
7	grill mandi	450	150	3	Ram	9177117378	TG 2345	Guru pg
6	Butternaan,c65	350	150	3	Ram	9177117378	TG 2345	Guru pg
5	Mutton biryani	190	100	3	Ram	9177117378	TG 2345	Guru pg
4	Muttonkeema	200	400	3	Ram	9177117378	TG 2345	Guru pg
3	Paya ,roti	300	100	3	Ram	9177117378	TG 2345	Guru pg
2	Hallem	150	200	3	Ram	9177117378	TG 2345	Guru pg
1	biryani	180	400	3	Ram	9177117378	TG 2345	Guru pg
8	kunafa	150	200	4	Raju	8106139218	TN 8208	chitrapuri
7	grill mandi	450	150	4	Raju	8106139218	TN 8208	chitrapuri
6	Butternaan,c65	350	150	4	Raju	8106139218	TN 8208	chitrapuri
5	Mutton biryani	190	100	4	Raju	8106139218	TN 8208	chitrapuri
4	Muttonkeema	200	400	4	Raju	8106139218	TN 8208	chitrapuri
3	Paya ,roti	300	100	4	Raju	8106139218	TN 8208	chitrapuri
2	Hallem	150	200	4	Raju	8106139218	TN 8208	chitrapuri
1	biryani	180	400	4	Raju	8106139218	TN 8208	chitrapuri
8	kunafa	150	200	5	Vinod	7673456990	K 0006	packetprep
7	grill mandi	450	150	5	Vinod	7673456990	K 0006	packetprep
6	Butternaan,c65	350	150	5	Vinod	7673456990	K 0006	packetprep
5	Mutton biryani	190	100	5	Vinod	7673456990	K 0006	packetprep
4	Muttonkeema	200	400	5	Vinod	7673456990	K 0006	packetprep
3	Paya ,roti	300	100	5	Vinod	7673456990	K 0006	packetprep
2	Hallem	150	200	5	Vinod	7673456990	K 0006	packetprep
1	biryani	180	400	5	Vinod	7673456990	K 0006	packetprep
8	kunafa	150	200	6	Veeresh	6304710305	CH 4562	ayyapa socities
7	grill mandi	450	150	6	Veeresh	6304710305	CH 4562	ayyapa socities
6	Butternaan,c65	350	150	6	Veeresh	6304710305	CH 4562	ayyapa socities
5	Mutton biryani	190	100	6	Veeresh	6304710305	CH 4562	ayyapa socities
4	Muttonkeema	200	400	6	Veeresh	6304710305	CH 4562	ayyapa socities
3	Paya ,roti	300	100	6	Veeresh	6304710305	CH 4562	ayyapa socities
2	Hallem	150	200	6	Veeresh	6304710305	CH 4562	ayyapa socities
1	biryani	180	400	6	Veeresh	6304710305	CH 4562	ayyapa socities
8	kunafa	150	200	7	Ashwin	9872456300	AS 2390	sv hostel kokapet
7	grill mandi	450	150	7	Ashwin	9872456300	AS 2390	sv hostel kokapet
6	Butternaan,c65	350	150	7	Ashwin	9872456300	AS 2390	sv hostel kokapet
5	Mutton biryani	190	100	7	Ashwin	9872456300	AS 2390	sv hostel kokapet
4	Muttonkeema	200	400	7	Ashwin	9872456300	AS 2390	sv hostel kokapet
3	Paya ,roti	300	100	7	Ashwin	9872456300	AS 2390	sv hostel kokapet
2	Hallem	150	200	7	Ashwin	9872456300	AS 2390	sv hostel kokapet
1	biryani	180	400	7	Ashwin	9872456300	AS 2390	sv hostel kokapet
8	kunafa	150	200	8	Kumar	6445044701	K 5500	cauzy kokapet
7	grill mandi	450	150	8	Kumar	6445044701	K 5500	cauzy kokapet
6	Butternaan,c65	350	150	8	Kumar	6445044701	K 5500	cauzy kokapet
5	Mutton biryani	190	100	8	Kumar	6445044701	K 5500	cauzy kokapet
4	Muttonkeema	200	400	8	Kumar	6445044701	K 5500	cauzy kokapet
3	Paya ,roti	300	100	8	Kumar	6445044701	K 5500	cauzy kokapet
2	Hallem	150	200	8	Kumar	6445044701	K 5500	cauzy kokapet
1	biryani	180	400	8	Kumar	6445044701	K 5500	cauzy kokapet

64 rows in set (0.00 sec)

## Inner Join:

Syntax: `select * from ordertable inner join product on ordertable.orderitem=product.orderitem;`

```
mysql> select * from ordertable inner join product on ordertable.orderitem=product.orderitem;
```

orderid	customerid	orderitem	orderdate	restaurant	DBID	orderid	orderitem	cost	totalorders
1	a001	Biryani	2024-01-01	shadab	suri44	1	biryani	180	400
2	b002	Haleem	2024-02-23	saghouse	ravi666	2	Haleem	150	200
4	d050	Muttonkeema	2024-01-01	Bawarchi	raj4343	4	Muttonkeema	200	400
5	e0060	Mutton biryani	2024-02-03	Mehfil	vinod2211	5	Mutton biryani	190	100
6	f3030	Butternaan,c65	2024-02-23	pentaiah	veru9898	6	Butternaan,c65	350	150
7	g2626	grill mandi	2024-03-24	manditown	ash2020	7	grill mandi	450	150
8	h0909	kunafa	2024-03-24	manditown	kumar4242	8	kunafa	150	200

7 rows in set (0.01 sec)

## Left Join and Right Join:

Syntax: `select * from ordertable left join product on ordertable.orderitem=product.orderitem;`

`Select * from ordertable right join product on ordertable.orderitem=product.orderitem;`

```
mysql> select * from ordertable left outer join product on ordertable.orderitem=product.orderitem;
```

orderid	customerid	orderitem	orderdate	restaurant	DBID	orderid	orderitem	cost	totalorders
1	a001	Biryani	2024-01-01	shadab	suri44	1	biryani	180	400
2	b002	Haleem	2024-02-23	saghouse	ravi666	2	Haleem	150	200
3	c902	Paya,roti	2024-02-21	shadab	ram111	NULL	NULL	NULL	NULL
4	d050	Muttonkeema	2024-01-01	Bawarchi	raj4343	4	Muttonkeema	200	400
5	e0060	Mutton biryani	2024-02-03	Mehfil	vinod2211	5	Mutton biryani	190	100
6	f3030	Butternaan,c65	2024-02-23	pentaiah	veru9898	6	Butternaan,c65	350	150
7	g2626	grill mandi	2024-03-24	manditown	ash2020	7	grill mandi	450	150
8	h0909	kunafa	2024-03-24	manditown	kumar4242	8	kunafa	150	200

8 rows in set (0.00 sec)

```
mysql> select * from ordertable left outer join delivery on ordertable.orderitem=delivery.orderitem;
ERROR 1054 (42S22): Unknown column 'delivery.orderitem' in 'on clause'
```

```
mysql> select * from ordertable right outer join product on ordertable.orderitem=product.orderitem;
```

orderid	customerid	orderitem	orderdate	restaurant	DBID	orderid	orderitem	cost	totalorders
1	a001	Biryani	2024-01-01	shadab	suri44	1	biryani	180	400
2	b002	Haleem	2024-02-23	saghouse	ravi666	2	Haleem	150	200
NULL	NULL	NULL	NULL	NULL	NULL	3	Paya ,roti	300	100
4	d050	Muttonkeema	2024-01-01	Bawarchi	raj4343	4	Muttonkeema	200	400
5	e0060	Mutton biryani	2024-02-03	Mehfil	vinod2211	5	Mutton biryani	190	100
6	f3030	Butternaan,c65	2024-02-23	pentaiah	veru9898	6	Butternaan,c65	350	150
7	g2626	grill mandi	2024-03-24	manditown	ash2020	7	grill mandi	450	150
8	h0909	kunafa	2024-03-24	manditown	kumar4242	8	kunafa	150	200

8 rows in set (0.00 sec)

## Natural Join:

Syntax: `select * from ordertable natural join product;`

```
mysql> select * from ordertable natural join product;
```

orderid	orderitem	customerid	orderdate	restaurant	DBID	cost	totalorders
1	Biryani	a001	2024-01-01	shadab	suri44	180	400
2	Haleem	b002	2024-02-23	saghouse	ravi666	150	200
4	Muttonkeema	d050	2024-01-01	Bawarchi	raj4343	200	400
5	Mutton biryani	e0060	2024-02-03	Mehfil	vinod2211	190	100
6	Butternaan,c65	f3030	2024-02-23	pentaiah	veru9898	350	150
7	grill mandi	g2626	2024-03-24	manditown	ash2020	450	150
8	kunafa	h0909	2024-03-24	manditown	kumar4242	150	200

7 rows in set (0.01 sec)

-----Thank You-----