\llist databases display

\q quit

CREATE DATABASE facebook\_db; - creating a database

DROP DATABASE facebook\_db; - deleting

\C facebook\_bd;

Ctrl + C, clear the screen in CMD

**How to create foreign key**

**Name f foreign table** CONTRAINT **any name FOREIGN KEY (name) REFERENCE** table name from (primary id name)

\d table\_name – to display the columns of the table

**TASKS**

1. SELECT o.OrderId, o.OrderDate, c.CustomerName, c.City, c.Address, c.PostalCode, s.ShipperName, p.ProductName, d.Quantity from Orders o INNER JOIN Customers c ON o.CustomerID=c.CustomerID INNER JOIN Shippers s ON o.ShipperID=s.ShipperID INNER JOIN OrderDetails d ON o.OrderID=d.OrderID INNER JOIN products p ON d.ProductID=p.ProductID;

2. SELECT p.ProductName,s.ShipperName FROM Products as p JOIN OrderDetails as ord ON p.ProductID = ord.ProductID JOIN Orders as o ON o.OrderID = ord.OrderID JOIN Shippers as s ON s.ShipperID = o.ShipperID

3. SELECT COUNT(p.ProductID),s.ShipperName, s.ShipperID FROM Shippers as s JOIN Orders as o ON o.ShipperID = s.ShipperID JOIN OrderDetails as ord ON o.OrderID=ord.OrderID JOIN Products as p ON ord.ProductID=p.ProductID GROUP BY s.ShipperID

4.

5. SELECT \* FROM Customers

WHERE CustomerName LIKE '%son%'

6. SELECT \* FROM [Orders]

WHERE OrderDate BETWEEN '1996-10-01' AND "1996-10-30"

ORDER BY OrderDate ASC;

Or

SELECT o.orderid,o.orderdate FROM [Orders] as o where orderdate like '1996-10%' order by orderdate asc

7. SELECT \* FROM [Products] as p join orderdetails as od on p.productid = od.productid join orders as ord on od.orderid = ord.orderid where ord.orderdate like '1997%'

pivot table

composite primary key

Update : alter

Child table - Id - serial primary key profile\_id - int -Foreign key

Profile - id - primary key

Read about Self Join and come up with an example

