create database shopping ;

use shopping; // always run this query each time after start MySQLbech

create table customer (custid int primary key, firstname varchar(60), lastname varchar(60), city varchar(50));

insert into customer (custid, firstname,lastname,city) values (101, 'chris','johns','london'),(102, 'mike','jordon','new york'),(103, 'kim','knock','atlanta');

select \* from custmer;

update custmer set firstname ='krishna' where city= 'london';

select \* from custmer order by city desc;

insert into custmer values (104,'peter','lohn','london');

-- select number of custmer city wise

select count(custid),city from custmer group by city;

select \* from custmer where lastname like 'j%' ;

create table employee (empid int, name varchar(50), salary int, deptid int);

drop table employee;

insert into employee (empid,name,salary,deptid) values (1,'ram',20000,11),(2,'shyam',25000,12),(3,'hari',20000,13),(1,'om',30000,11);

create table department (deptid int , deptname varchar(60), location varchar(40));

insert into department (deptid,deptname,location) values (11,'sales','pune'),(12,'store','delhi'),(13,'HR','mumbai');

select max(salary) from employee;

select min(salary) from employee;

select sum(salary) from employee;

select sum(salary) from employee where deptname = 'sales';

select sum(salary) from employee.department where deptname='sales';

drop table department;

create table department (deptid int, deptname varchar(40), location varchar(50));

insert into department (deptid,deptname,location) values (10,'Accounting','New York'),(20,'Research','Dallas'),(30,'Sales','Chicago'),(40,'Operations','Boston'),(50,'Computer','London');

select \* from department;

select \* from employee;

update employee set empid=4 where name='om';

alter table employee modify empid int primary key;

ALTER TABLE employee ADD constraint foreign key (deptid) REFERENCES department(deptid);

alter table department modify deptid int primary key;

select a.empid,a.name,d.deptname,d.location from employee a inner join department d on a.deptid=d.deptid where d.deptname='sales';

select a.empid,a.name,d.deptname,d.location from employee a right join department d on a.deptid=d.deptid;

select name from employee where salary = (select max(salary) from employee);

drop table employee;

create table employee (empid int primary key , empname varchar(50), managerid int);

insert into employee (empid,empname,managerid) values (1,'ram',111),(2,'shyam',112),(3,'hari',112),(4,'om',111),(111,'jack',0),(112,'rick',0);

select e.empname as manageranme ,m.empname from employee e,employee m where e.empid = m.managerid;

SELECT DISTINCT salary

FROM Employee

ORDER BY salary DESC

LIMIT 2;