create database customer\_salesman1;

create table salesman1(

salesman\_id int Primary Key not null,

name varchar(15),

city varchar(15),

commision float

);

insert into salesman1

values (5001,'James Hoog','New York',0.15);

insert into salesman1

values (5002,'Nail knite','Paris',0.13);

insert into salesman1

values (5005,'Pit Alex','London',0.11);

insert into salesman1

values (5006,'Mc Lyon','Paris',0.14);

insert into salesman1

values (5007,'Paul Adam','San Jose',0.13);

insert into salesman1

values (5003,'Lauson Hen',Null,0.12);

--alter table salesman

--add primary key(salesman\_id);

create table orders2(

ord\_no int,

purch\_amt float,

ord\_date date,

customer\_id int,

salesman\_id int

);

insert into orders2

values(70001,150.5,'2012-10-05',3005,5002);

insert into orders2

values(70009,270.65,'2011-09-10',3001,5005);

insert into orders2

values(70002,65.26,'2014-10-05',3002,5001);

insert into orders2

values(70004,110.5,'2011-08-17',3009,5003);

insert into orders2

values(70007,948.5,'2012-09-10',3005,5002);

insert into orders2

values(70005,2400.6,'2010-07-27',3007,5001);

insert into orders2

values(70008,5760,'2013-09-10',3002,5001);

insert into orders2

values(70010,1983.43,'2010-10-10',3004,5006);

insert into orders2

values(70003,2480.4,'2013-10-10',3009,5003);

insert into orders2

values(70012,250.45,'2010-06-27',3008,5002);

insert into orders2

values(70011,75.29,'2014-08-17',3003,5007);

insert into orders2

values(70013,3045.6,'2010-04-25',3002,5001);

create table customers1(

customer\_id int,

cust\_name varchar(13),

city varchar(13),

grade int,

salesman\_id int

);

insert into customers1

values(3002,'Nick Rimando','New York',100,5001);

insert into customers1

values(3007,'John Brad Davis','New York',200,5001);

insert into customers1

values(3005,'Graham Zusi','California',200,5002);

insert into customers1

values(3008,'Julian Green','London',300,5002);

insert into customers1

values(3004,'Fabian Johnson','Paris',300,5006);

insert into customers1

values(3009,'Geoff Cameron','Berlin',100,5003);

insert into customers1

values(3003,'Jozy Altidor','Moscow',200,5007);

insert into customers1

values(3001,'John Brad Guzan','London',NULL,5005);

-------------------Question 1 -----------------------------

select \* from customers1

where city = 'New York'

order by cust\_name asc;

-------------------Question 2---------------------------------

SELECT \* FROM customers1

WHERE cust\_name LIKE '%John%' AND city IN ('London', 'Paris', 'NewYork');

----------------------Question 3 -------------------------------

SELECT \* FROM customers1

WHERE city = 'London' or city = 'New York';

--

---------------------------Question 4------------------------------

Select \* from orders2

where purch\_amt >500;

----------------------------Question 5----------------------------

SELECT \* FROM salesman1

WHERE SUBSTRING(name, 2, 1) = 'a';

-------------------------------------Question 6--------------------

update salesman1

set commision=commision+0.5

where city = 'San Jose';

------------------------------------------Question 7---------------

SELECT \* FROM orders2

ORDER BY ord\_date DESC;

--

--------------------------------------Question 8-----------------

exec sp\_rename 'salesman.name' , 'firstname';

-------------------------------------Question 9----------------------

SELECT \* FROM orders2

WHERE MONTH(ord\_date) = 01;

--------------------------------------Question 10-------------------

select year(ord\_date) as year,month(ord\_date) as month,day(ord\_date) as day

from orders2 where month(ord\_date) = 10;

-------------------------------------Question 11-----------------------

update orders2

set purch\_amt = purch\_amt\*3

where month(ord\_date) = 10;

---------------------------------------Question 12----------------------------

alter table salesman1

alter column salesman\_id int Not null

--already amde primary key while making table

alter table customers1

alter column customer\_id int Not null

alter table orders2

alter column ord\_no int Not null

alter table orders2

add PRIMARY KEY(ord\_no)

alter table orders2 add constraint orders foreign key(salesman1) references salesman1(salesman\_id);

select cust\_name from customers1 where salesman\_id in(select salesman\_id from orders2 where year(ord\_date) = 2011 or year(ord\_date) = 2013 );

------------------------------------------Question 13----------------------------

select \* from orders2 where salesman\_id in(select salesman\_id from salesman1 where commision = (select max(commision) from salesman ));