Create table of salesorder with following fields: Order Number(Unique key begins with 0),Client number(FK),Order Date.

Create table clientmaster with following fields: clientno(PK), cname,city.

Create table salesmaster with following fields: salesmanno(PK),sname,city.
Add 5 rows of data in 3 tables

CREATE TABLE clientmaster(clientno numeric(10) primary key,cname varchar(40),city varchar(40));

CREATE TABLE salesmaster(salesmanno numeric(10) primary key,sname varchar(40),city varchar(40));

create table salesorder (order_no varchar(20) primary key not null check (order_no like "0%"),client_no int REFERENCES clientmaster(client_no), order_date date);

INSERT INTO client_master
VALUES(101,'senchu','kannur'),(102,'sobin','kannur'),(103,'sajan','mumbai'),(104,'siju','gujarath'),(105,'george','kottayam');

INSERT INTO salesorder VALUES('00','101','2013-06-01'),('01','103','2013-02-01'),('02','103','2013-03-21'),('03','102','2013-03-02'),('04','105','2013-04-02');

INSERT INTO salesmaster
VALUES(1,'biju','mumbai'),(2,'amith','mumbai'),(3,'sreelal','kannur'),(4,'anoop','thrissur'),(5,'goutham','pala');
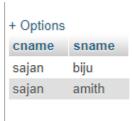
a) **Retrieve all orders placed by a client named sajan.**

select * from clientmaster join salesorder on clientmaster.clientno=salesorder.client_no where clientmaster.cname='sajan'

clientno	cname	city	order_no	client_no	order_date
103	sajan	mumbai	01	103	2013-02-01
103	sajan	mumbai	02	103	2013-03-21

b) **Retrieve the names of all clients and salesman in the city of mumbai.**

SELECT c.cname,s.sname FROM clientmaster c,salesmaster s WHERE c.city="mumbai" and s.city IN (SELECT city FROM salesmaster where city="mumbai")

+ Options

cname	sname
sajan	biju
sajan	amith

c) Retrieve the order number, cname, order date from client master and sales order table.

SELECT s.order_no,c.cname,s.order_date FROM clientmaster c,salesorder s WHERE c.clientno IN (SELECT s.client_no from salesorder);

order_no	cname	order_date
00	senchu	2013-06-01
01	sajan	2013-02-01
02	sajan	2013-03-21
03	sobin	2013-03-02
04	george	2013-04-02