EXPERIMENT

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

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

Create table salesmasterwith following fields: salesmanno(PK), sname,city.

Add 5 rows of data in 3 tables

```
CREATE TABLE clientmaster
(
    clientno int PRIMARY KEY,
    cname varchar(78),
    city varchar(40)
);

CREATE TABLE salesorder
(
    ordno varchar(20) UNIQUE CHECK (ordno like 0%),
    clientno int,FOREIGN KEY(client) REFERENCES clientmaster(clientno),
    orderd date
);

CREATE TABLE salesmaster
(
    salesmanno int PRIMARY KEY,
    sname varchar(54),
    city varchar(33)
);


insert into clientmaster VALUES (101,"senchu","kannur");
insert into clientmaster VALUES (102,"sobin","kannur");
insert into clientmaster VALUES (103,"sajan","mumbai");
insert into clientmaster VALUES (104,"siju","gujarat");
insert into clientmaster VALUES (105,"george","kottayam");
```

insert into salesorder values("00",101,'2013-06-01');
insert into salesorder values("01",103,'2013-02-01');
insert into salesorder values("02",103,'2013-03-21');
insert into salesorder values("03",102,'2013-03-02');
insert into salesorder values("04",105,'2013-04-02');

a)Retrieve all orders placed by a client named sajan.

SELECT * FROM salesorder WHERE clientno IN (SELECT clientno FROM clientmaster WHERE cname = 'sajan');

OUTPUT

	ordno	clientno	orderd
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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");

OUTPUT

cname	sname
sajan	biju
sajan	amith

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

SELECT c.cname,s.orderd,s.ordno FROM clientmaster c,salesorder s WHERE c.clientno IN (SELECT s.clientno from salesorder);

OUTPUT

cname	orderd	ordno
senchu	2013-06-01	00
sajan	2013-02-01	01
sajan	2013-03-21	02
sobin	2013-03-02	03
george	2013-04-02	04