

QUESTIONS

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Roll no:03
RMCA-B S2

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

```
SQL> select * from clientmaster;
```

CLIENTNO	CNAME	CITY
-----	-----	-----
101	senchu	kannur
102	sobin	kannur
103	sajan	mumbai
104	siju	gujarath
105	george	kottayam

```
SQL> select * from salesorder;
```

ORDERNO	CLIENTNO	ORDERDATE
-----	-----	-----
0	101	01-JUN-13
1	103	01-FEB-13
2	103	21-MAR-13
3	102	02-MAR-13
4	105	02-APR-13

```
SQL> select * from salesmaster;
```

SALESMANNO	SNAME	CITY
-----	-----	-----
1	biju	mumbai
2	amith	mumbai
3	sreelal	kannur

4	anoop	thrissu
5	goutham	pala

1.

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

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

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

QUERYS
















1) create table clientmaster (client_no int primary key not null, cname varchar(20), city varchar(26));

desc clientmaster;

INSERT INTO clientmaster(`client_no`,`cname`,`city`)

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

+ Options

			client_no	cname	city
<input type="checkbox"/>	 Edit	 Copy	 Delete	101	senchu kannur
<input type="checkbox"/>	 Edit	 Copy	 Delete	102	sobin kannur
<input type="checkbox"/>	 Edit	 Copy	 Delete	103	sajan mumbai
<input type="checkbox"/>	 Edit	 Copy	 Delete	104	siju gujarath
<input type="checkbox"/>	 Edit	 Copy	 Delete	105	george kottayam

2) CREATE table salesmaster (salesmanno int primary key,sname VARCHAR(20),city VARCHAR(10));

INSERT INTO salesmaster

VALUES(1,'biju','mumbai'),(2,'amith','mumbai'),(3,'sreelal','kannur'),(4,'anoop','thrissur'),(5,'goutham','pala');

+ Options

				salesmanno	sname	city
<input type="checkbox"/>		Edit		Copy		Delete
				1	biju	mumbai
<input type="checkbox"/>		Edit		Copy		Delete
				2	amith	mumbai
<input type="checkbox"/>		Edit		Copy		Delete
				3	sreelal	kannur
<input type="checkbox"/>		Edit		Copy		Delete
				4	anoop	thrissur
<input type="checkbox"/>		Edit		Copy		Delete
				5	goutham	pala

3)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 `salesorder`(`order_no`,`client_no`,`order_date`) VALUES (0,101,'2013-06-01'),(1,103,'2013-02-01'),(2,103,'2013-03-21'),(3,102,'2013-03-02'),(4,105,'2013-04-02');

+ Options

					order_no	client_no	order_date
<input type="checkbox"/>		Edit		Copy		Delete	0
						101	2013-06-01
<input type="checkbox"/>		Edit		Copy		Delete	1
						103	2013-02-01
<input type="checkbox"/>		Edit		Copy		Delete	2
						103	2013-03-21
<input type="checkbox"/>		Edit		Copy		Delete	3
						102	2013-03-02
<input type="checkbox"/>		Edit		Copy		Delete	4
						105	2013-04-02

a)SELECT order_no FROM `salesorder` WHERE client_no IN (SELECT client_no FROM `clientmaster` WHERE cname='sajan');

+ Options

<div>← T →</div>					order_no
<input type="checkbox"/>		Edit		Copy	 Delete 1
<input type="checkbox"/>		Edit		Copy	 Delete 2

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

+ Options

cname	order_date	order_no
senchu	2013-06-01	0
sajan	2013-02-01	1
sajan	2013-03-21	2
sobin	2013-03-02	3
george	2013-04-02	4