# **QUESTIONS**

Jomeesh Jose 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 | client | tmast | er: |
|---------------|------|--------|-------|-----|
|---------------|------|--------|-------|-----|

| 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','gujar ath'),('105','george','kottayam');

#### + Options



**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,'gou tham','pala');

#### + Options



**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);

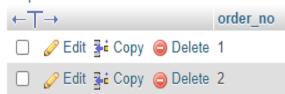
INSERT INTO `salesorder`(`order\_no`, `client\_no`, `order\_date`) VALUES (0,101,'2013-06-01'),(1,103,'2013-02-01'),(2,103,'2013-03-21'),(3,102,'2013-03-02'),(4,105,'2013-04-02');

#### + Options



a)SELECT order\_no FROM `salesorder` WHERE client\_no IN (SELECT client\_no FROM `clientmaster` WHERE cname='sajan');

#### + Options



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        |