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SQL COMMANDS

Create the following tables

Table - I (CLIENT_MASTER)

Data for Client_Master				
Client_No	Name	City	Pincode	Bal_due
C00001	SMITHA JAIN	Mumbai	400054	15000
C00002	VANDANA RAO	Chennai	780001	0
C00003	PREM PUJARI	Mumbai	400057	5000
C00004	BASU NATH	Mumbai	400056	0
C00005	RAVI SHANKAR	Delhi	100001	2000
C00006	ROOPA	Mumbai	400050	0

Table - II (SALE_ORDER)

Data for Sale_Order					
Order_No	Order_Date	Client_No	Salesman_No	Dely_Date	Order_Status
O19001	12-Jan-13	C00001	S00001	20-Jan-13	In process
O19002	25-Jan-13	C00002	S00002	27-Jan-13	Cancelled
O46865	18-Feb-13	C00003	S00003	20-Feb-13	Fulfilled
O19003	03-Apr-13	C00001	S00001	07-Apr-13	Fulfilled
O46866	20-May-13	C00004	S00002	07-Apr-13	Cancelled
O19008	24-May-13	C00005	S00004	26-May-13	In process

Write SQL commands for the following:

1.   **List all details from the client_master table for clients whose Bal_due = 0.**

2.   **Update table client_master, Change city of Client_no C00004 to Jaipur.**

3.   **Retrieve records of clients residing in Mumbai.**

4.   **Find the name and address of customer who has placed Order_no 'O19003' and 'O19002' respectively.**

5.   **Construct English like sentence from the table client_master ({Customer name} live in the city of {city}).**

6.   **List the client_no, name, city and pincode of clients whose Order_status is "In process".**

TABLE 1 : CLIENT_MASTER

```
SQL> create table Client_Master(Client_No varchar(10),Name varchar(20),City varchar(20),Pincode number(10),Bal_due number(10));

Table created.

SQL> insert into Client_Master values('C00001','SMITHA JAIN','Mumbai',400054,15000);

1 row created.

SQL> insert into Client_Master values('C00002','VANDANA RAO','Chennai',780001,0);

1 row created.

SQL> insert into Client_Master values('C00003','PREM PUJARI','Mumbai',400057,5000);

1 row created.

SQL> insert into Client_Master values('C00004','BASU NATH','Mumbai',400056,0);

1 row created.

SQL> insert into Client_Master values('C00005','RAVI SHANKAR','Delhi',100001,2000);

1 row created.

SQL> insert into Client_Master values('C00006','ROOPA','Mumbai',400050,0);

1 row created.

SQL> select * from Client_Master;

CLIENT_NO  NAME                  CITY                    PINCODE    BAL_DUE
---------- --------------------- ---------------------- ---------- ----------
C00001     SMITHA JAIN           Mumbai                   400054      15000
C00002     VANDANA RAO           Chennai                  780001          0
C00003     PREM PUJARI           Mumbai                   400057       5000
C00004     BASU NATH             Mumbai                   400056          0
C00005     RAVI SHANKAR          Delhi                    100001       2000
C00006     ROOPA                 Mumbai                   400050          0

6 rows selected.
```

TABLE 2 : SALE_ORDER

```
SQL> create table Sale_Order(Order_No varchar(10),Order_Date date,Client_No varchar(10),Salesman_No varchar(10),Dely_Date date,Order_Status varchar(10));
Table created.
SQL> insert into Sale_Order values('O19001','12-Jan-13','C00001','S00001','20-Jan-13','In Process');

1 row created.

SQL> insert into Sale_Order values('O19002','25-Jan-13','C00002','S00002','27-Jan-13','Cancelled');

1 row created.

SQL> insert into Sale_Order values('O46865','18-Feb-13','C00003','S00003','20-Feb-13','Fulfilled');

1 row created.

SQL> insert into Sale_Order values('O19003','03-Apr-13','C00001','S00001','07-Apr-13','Fulfilled');

1 row created.

SQL> insert into Sale_Order values('O46866','20-May-13','C00004','S00002','07-Apr-13','Cancelled');

1 row created.

SQL> insert into Sale_Order values('O19008','24-May-13','C00005','S00004','26-May-13','In Process');

1 row created.

SQL> select * from  Sale_Order;

ORDER_NO   ORDER_DAT CLIENT_NO  SALESMAN_N DELY_DATE ORDER_STAT
---------- --------- ---------- ---------- --------- ----------
O19001     12-JAN-13 C00001     S00001     20-JAN-13 In Process
O19002     25-JAN-13 C00002     S00002     27-JAN-13 Cancelled
O46865     18-FEB-13 C00003     S00003     20-FEB-13 Fulfilled
O19003     03-APR-13 C00001     S00001     07-APR-13 Fulfilled
O46866     20-MAY-13 C00004     S00002     07-APR-13 Cancelled
O19008     24-MAY-13 C00005     S00004     26-MAY-13 In Process

6 rows selected.
```

1.

```
SQL> select * from  Client_Master where Bal_due=0;

CLIENT_NO  NAME                  CITY                  PINCODE    BAL_DUE
---------- --------------------- --------------------- ---------- ----------
C00002     VANDANA RAO           Chennai                  780001          0
C00004     BASU NATH             Mumbai                   400056          0
C00006     ROOPA                 Mumbai                   400050          0
```

2.

```
SQL> update  Client_Master set City='Jaipur' where Client_No='C00004';

1 row updated.
```

3.

```
SQL> select * from  Client_Master where City='Mumbai';

CLIENT_NO  NAME                  CITY                  PINCODE    BAL_DUE
---------- --------------------- --------------------- ---------- ----------
C00001     SMITHA JAIN           Mumbai                   400054      15000
C00003     PREM PUJARI           Mumbai                   400057       5000
C00006     ROOPA                 Mumbai                   400050          0
```

5.

```
SQL> select Name ||' live in the city of '|| City from  Client_Master;

NAME||'LIVEINTHECITYOF'||CITY
--------------------------------------------------------------
SMITHA JAIN live in the city of Mumbai
VANDANA RAO live in the city of Chennai
PREM PUJARI live in the city of Mumbai
BASU NATH live in the city of Jaipur
RAVI SHANKAR live in the city of Delhi
ROOPA live in the city of Mumbai

6 rows selected.
```