

ORACLE LAB EXERCISE - 2

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SQL> connect system

Enter password:

Connected.

1.

SQL> create table CLIENT_MASTER(Client_No varchar(10),Name varchar(20),City varchar(10),Pincode number(6),Bal_due number(10));

Table created.

SQL> desc CLIENT_MASTER;

Name	Null?	Type
-----	-----	-----
CLIENT_NO		VARCHAR2(10)
NAME		VARCHAR2(20)
CITY		VARCHAR2(10)
PINCODE		NUMBER(6)
BAL_DUE		NUMBER(10)

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.

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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> DESC CLIENT_MASTER;
```

Name	Null?	Type
CLIENT_NO		VARCHAR2(10)
NAME		VARCHAR2(20)
CITY		VARCHAR2(10)
PINCODE		NUMBER(6)
BAL_DUE		NUMBER(10)

```
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.

```
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

SQL> update CLIENT_MASTER set CITY='Jaipur' where CLIENT_NO='C00004';
1 row updated.

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

SQL> select NAME ||'live in the city of'|| CITY from CLIENT_MASTER;

NAME||' LIVE IN THE CITY OF'||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.

2.

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(15));

Table created.

SQL> insert into SALE_ORDER values('O19001','2-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-Jan-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_STATUS
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O19001	02-JAN-13	C00001	S00001	20-JAN-13	In Process
O19002	25-JAN-13	C00002	S00002	27-JAN-13	Cancelled
O46865	18-JAN-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.