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LAB ASSIGNMENT : SQL ASSIGNMENT-1

1) List all details from the client\_master table for clients whose Bal\_due = 0.

```
SQL> create table MASTER3 (Client_No varchar(10),Name varchar(20),City varchar(15),Pincode int,Bal_due int);
Table created.
```

```
SQL> insert into MASTER3 values('C00002','VANDANA RAO','Chennai',780001,0);
1 row created.
```

```
SQL> insert into MASTER3 values('C00003','PREM PUJARI','Mumbai',400057,5000);
1 row created.
```

```
SQL> insert into MASTER3 values('C00004','BASU NATH','Mumbai',400056,0);
1 row created.
```

```
SQL> SELECT * FROM MASTER3;
```

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

```
SQL> SELECT * FROM MASTER3 WHERE BAL_DUE=0;
```

CLIENT_NO	NAME	CITY	PINCODE	BAL_DUE
C00002	VANDANA RAO	Chennai	780001	0
C00004	BASU NATH	Mumbai	400056	0

2) Update table client\_master, Change city of Client\_no C00004 to Jaipur.

```
SQL> UPDATE MASTER3 SET CITY='Jaipur' WHERE CLIENT_NO='C00004';
```

```
1 row updated.
```

```
SQL> SELECT * FROM MASTER3;
```

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	Jaipur	400056	0

### 3) Retrieve records of clients residing in Mumbai.

```
SQL> SELECT * FROM MASTER3 WHERE CITY='Mumbai';
```

CLIENT_NO	NAME	CITY	PINCODE	BAL_DUE
C00001	SMITHA JAIN	Mumbai	400054	15000
C00003	PREM PUJARI	Mumbai	400057	5000

### 4) Create table for sales\_order

```
SQL> create table SALE_ORDER2(order_no varchar(10),order_date date,client_no varchar(10),salesman_no varchar(10), delay_date date, order_status varchar(10));
Table created.
SQL> insert into SALE_ORDER2 values('019001','2021-01-14','C0001','S0001',' 20-Jan-13','In process');
insert into SALE_ORDER2 values('019001','2021-01-14','C0001','S0001',' 20-Jan-13','In process')
ERROR at line 1:
ORA-01861: literal does not match format string

SQL> insert into SALE_ORDER2 values('019001','12-Jan-13','C0001','S0001',' 20-Jan-13','In process');
1 row created.

SQL> insert into SALE_ORDER2 values('019002','25-Jan-13','C00002','S00002','27-Jan-13','Cancelled');
1 row created.

SQL> insert into SALE_ORDER2 values('046865','18-Jan-13','C00003','S00003','20-Feb-13','fulfilled');
1 row created.

SQL> insert into SALE_ORDER2 values('019003','03-Apr-13','C00001','S00001','07-Apr-13','fulfilled');
1 row created.

SQL> insert into SALE_ORDER2 values('046866','20-May-13','C00004','S00002','07-Apr-13','Cancelled');
1 row created.

SQL> select * from SALE_ORDER2;
```

ORDER_NO	ORDER_DAT	CLIENT_NO	SALESMAN_N	DELAY_DAT	ORDER_STAT
019001	12-JAN-13	C0001	S0001	20-JAN-13	In process
019002	25-JAN-13	C00002	S00002	27-JAN-13	Cancelled
046865	18-JAN-13	C00003	S00003	20-FEB-13	fulfilled
019003	03-APR-13	C00001	S00001	07-APR-13	fulfilled
046866	20-MAY-13	C00004	S00002	07-APR-13	Cancelled