

## DBMS LAB ASSIGNMENT – 1

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

```
SELECT * FROM CLIENT_MASTER WHERE Bal_due = 0;
```

**Results** Explain Describe Saved SQL History

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

3 rows returned in 0.00 seconds [Download](#)

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

```
UPDATE CLIENT_MASTER SET City = 'Jaipur' WHERE Client No = 'C00004';
```

**Results** Explain Describe Saved SQL History

1 row(s) updated.

0.00 seconds

3. Retrieve Records of Clients Residing in Mumbai

```
Select * from client Master where City = 'Mumbai';
```

**Results** Explain Describe Saved SQL History

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

3 rows returned in 0.00 seconds [Download](#)

4.Find The Name and Address of Customer who has Placed Order\_no 'O19003' and 'O19002' Respectively.

```
SELECT cm.Name, cm.City, cm.Pincode
FROM CLIENT_MASTER cm
JOIN SALE_ORDER so ON cm.Client_No = so.Client_No
WHERE so.Order_No = 'O19003'

UNION ALL

SELECT cm.Name, cm.City, cm.Pincode
FROM CLIENT_MASTER cm
JOIN SALE_ORDER so ON cm.Client_No = so.Client_No
WHERE so.Order No = 'O19002';
```

**Results** Explain Describe Saved SQL History

NAME	CITY	PINCODE
SMITHA JAIN	Mumbai	400054
VANDANA RAO	Chennai	780001

2 rows returned in 0.01 seconds [Download](#)

5. Construct English Like Sentence From The Table client\_master  
({Customer name} live in the city of {city}).

```
SELECT Name || ' lives in the city of ' || City AS Sentence  
FROM CLIENT_MASTER;
```

**Results** Explain Describe Saved SQL History

SENTENCE
SMITHA JAIN lives in the city of Mumbai
VANDANA RAO lives in the city of Chennai
PREM PUJARI lives in the city of Mumbai
BASU NATH lives in the city of Jaipur
RAVI SHANKAR lives in the city of Delhi
ROOPA lives in the city of Mumbai

6 rows returned in 0.00 seconds [Download](#)

6. List The client\_no, name, city and pincode of clients whose Order\_status is "In process".

```
SELECT cm.Client_No, cm.Name, cm.City, cm.Pincode  
FROM CLIENT_MASTER cm  
JOIN SALE_ORDER so ON cm.Client No = so.Client No  
WHERE so.Order Status = 'In process';
```

**Results** Explain Describe Saved SQL History

CLIENT_NO	NAME	CITY	PINCODE
C00001	SMITHA JAIN	Mumbai	400054
C00005	RAVI SHANKAR	Delhi	100001

2 rows returned in 0.00 seconds [Download](#)