DBMS ASSIGNMENT DAY – 1

CREATE AND INSERT:

```
CREATE TABLE CLIENT_MASTER (
    Client No varchar(20) PRIMARY KEY,
    Name VARCHAR(100) NOT NULL,
    City VARCHAR(100),
    Pincode number(10),
    Bal due number(10)
);
INSERT INTO CLIENT_MASTER_VALUES ('C00001', 'SMITHA JAIN', 'Mumbai', 400054, 15000);
INSERT INTO CLIENT_MASTER_VALUES ('C00002', 'VANDANA RAO', 'Chennai', 780001, 0);
INSERT INTO CLIENT_MASTER_VALUES ('C00003', 'PREM PUJARI', 'Mumbai', 400057, 5000);
INSERT INTO CLIENT_MASTER_VALUES ('C00004', 'BASU NATH', 'Mumbai', 400056, 0);
INSERT INTO CLIENT_MASTER_VALUES ('C00005', 'RAVI SHANKAR', 'Delhi', 100001, 2000);
INSERT INTO CLIENT_MASTER_VALUES ('C00006', 'ROOPA', 'Mumbai', 400050, 0);
select * from_CLIENT_MASTER;
```

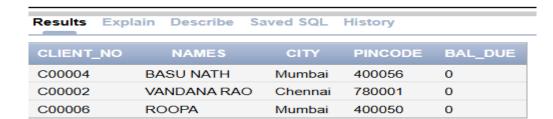
Results Explain Describe Saved SQL History

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

6 rows returned in 0.00 seconds <u>Download</u>

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

SELECT *FROM CLIENT_MASTER WHERE BAL_DUE=0;



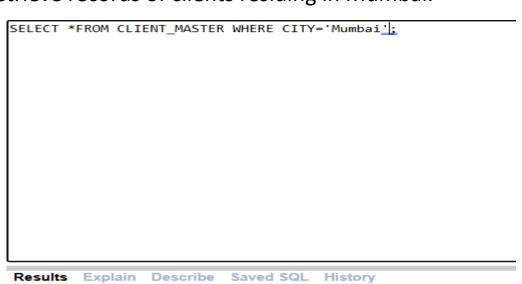
2. Update table client_master, Change city of Client_no C00004 to Jaipur.

UPDATE CLIENT_MASTER SET CITY='JAIPUR' WHERE CLIENT_NO='C000004_;

1 row(s) updated.

Results Expl	ain Describe Sa	ved SQL	History	
CLIENT_NO	NAMES	CITY	PINCODE	BAL_DUE
C00001	SMITHA JAIN	Mumbai	400054	15000
C00004	BASU NATH	JAIPUR	400056	0
C00005	RAVI SHANKAR	Delhi	100001	2000
C00002	VANDANA RAO	Chennai	780001	0
C00003	PREM PUJARI	Mumbai	400057	5000
C00006	ROOPA	Mumbai	400050	0
6 rows returned	d in 0.00 seconds	Downlo	oad	

3. Retrieve records of clients residing in Mumbai.



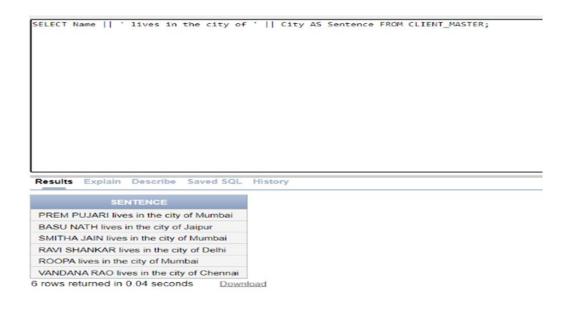
CLIENT_NO	NAMES	CITY	PINCODE	BAL_DUE
C00001	SMITHA JAIN	Mumbai	400054	15000
C00003	PREM PUJARI	Mumbai	400057	5000
C00006	ROOPA	Mumbai	400050	0

3 rows returned in 0.01 seconds <u>Download</u>

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".

