

KIET GROUP OF INSTITUTIONS
DEPARTMENT OF COMPUTER APPLICATIONS
LAB ASSIGNMENT 2
DBMS Lab (KCA – 252)

1. Insert the following data into CLIENT_MASTER table:

CLIENTNO	NAME	CITY	PINCODE	STATE	BALDUE
C00001	Ivan Bayross	Mumbai	400054	Maharashtra	15000
C00002	Mamta Mazumdar	Madras	780001	Tamil Nadu	0
C00003	Chhaya Bankar	Mumbai	400057	Maharashtra	5000
C00004	Ashwini Joshi	Bangalore	560001	Karnataka	0
C00005	Hansel Colaco	Mumbai	400060	Maharashtra	2000
C00006	Deepak Sharma	Mangalore	560050	Karnataka	0

Insert into Client_Master values ('C00001','Ivan Bayross','Mumbai',400054,'Maharashtra',15000);

Insert into Client_Master values ('C00002','Mamta Mazumdar','Madras',780001,'Tamil Nadu',0);

Insert into Client_Master values ('C00003','Chhaya Bankar','Mumbai',400057,'Maharashtra',5000);

Insert into Client_Master values ('C00004','Ashwini Joshi','Bangalore',560001,'Karnataka',0);

Insert into Client_Master values ('C00005','Hansel Bayross','Mumbai',400060,'Maharashtra',2000);

Insert into Client_Master values ('C00006','Deepak Sharma','Mangalore',560050,'Karnataka',0);

2. Exercise on retrieving records from the table:

- a. Display the names of all the clients.
Select name from Client_Master;
- b. Retrieve the entire contents of the CLIENT_MASTER table.
Select * from Client_Master;

- c. Retrieve the list of names, city and the state of all the clients.
Select name,city,state from Client_Master;
- d. List all the clients who are located in Mumbai
Select name from Client_Master where City = 'Mumbai';
- e. Find the names of client who carries a balance of 15,000/-
Select name from Client_Master where Bal_due = 15000;
- f. List the details of the clients whose name starts with 'M'.
Select * from Client_Master where name Like 'a%';
- g. List the details of clients who are staying in either Maharastra or in Karnataka.
Select * from client_master where state IN ('Maharashtra','Karnataka');

3. Exercise on updating records in a table:

- a. Change the city of clientno 'C00005' to Bangalore.
Update Client_Master
Set client_no = 'C00005'
Where city = 'Bangalore';
- b. Change the balance due of clientno 'C00001' to Rs. 1000.
Update Client_Master
Set bal_due = 1000
Where Client_No = ' C00001';
- c. Change the city of the client to Pune
Update Client_Master
Set city = 'Pune';

4. Exercise on deleting records in a table:

- a. Delete all clients from the CLIENT_MASTER.
Delete from Client_Master;
- b. Delete from CLIENT_MASTER where the column state holds the value 'Tamil Nadu'.
Delete from Client_Master where State = 'Tamil Nadu';