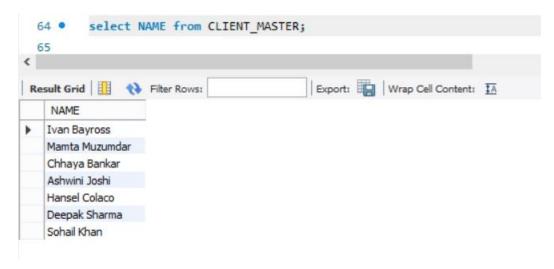
## **Experiment 2**

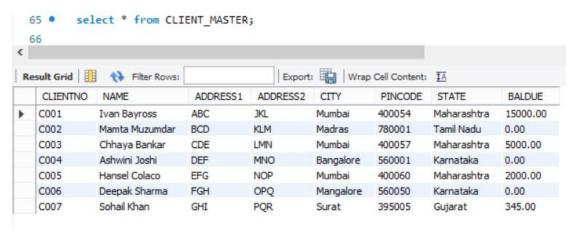
## Title: DML commands with constraints

**Objective:** - To understand the concept of different DML commands.

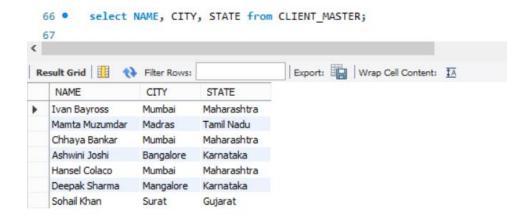
- 1. Exercise on retrieving records from a table.
- a. Find out the names of all the clients.



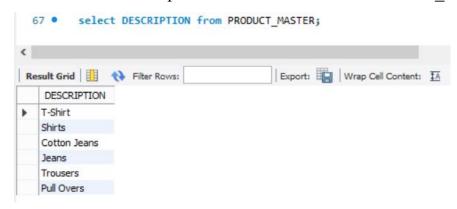
b. Retrieve the entire contents of the Client\_Master table.



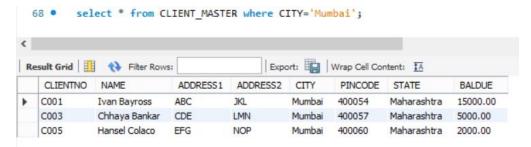
c. Retrieve the list of names, city and the state of all the clients.



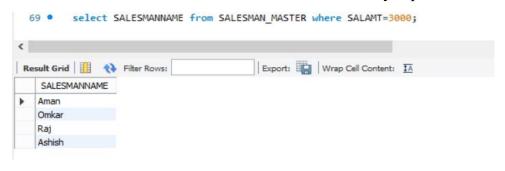
d. List the various products available from the Product\_Master table.



e. List all the clients who are located in Mumbai.



f. Find the names of salesman who have a salary equal to Rs.3000.



2. Exercise on updating records in a table

BCD

CDE

DEF

**EFG** 

**FGH** 

GHI

Mamta Muzumdar

Chhaya Bankar

Ashwini Joshi

Hansel Colaco

Sohail Khan

Deepak Sharma

C002

C003

C004

C005

C006

C007

a. Change the city of ClientNo 'C00005' to 'Bangalore'.

```
update CLIENT_MASTER set CITY='Bangalore' where CLIENTNO='C005';
         select * from CLIENT MASTER;
 74 •
Result Grid
               Filter Rows:
                                            Export: Wrap Cell Content:
   CLIENTNO
              NAME
                              ADDRESS1
                                         ADDRESS2
                                                    CITY
                                                              PINCODE
                                                                        STATE
                                                                                    BALDUE
             Ivan Bayross
  C001
                             ABC
                                        JKL
                                                   Mumbai
                                                              400054
                                                                        Maharashtra
                                                                                    15000.00
```

Madras

Mumbai

Bangalore

Bangalore

Mangalore

Surat

780001

400057

560001

400060

560050

395005

Tamil Nadu

Karnataka

Karnataka

Gujarat

Maharashtra

Maharashtra

0.00

0.00

0.00

345.00

5000.00

2000.00

KLM

LMN

MNO

NOP

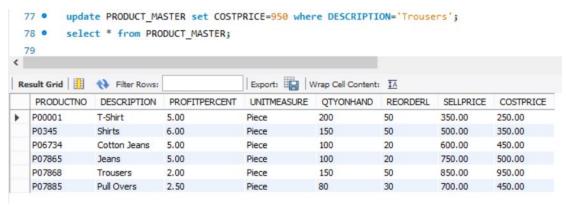
OPQ

PQR

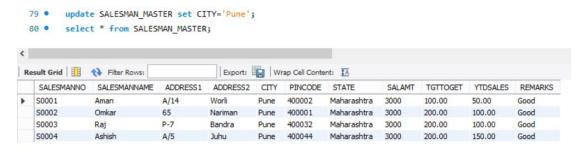
b.	Change the BalDue of ClientNo 'C00001' to Rs.1000.

update CLIENT MASTER set BALDUE=1000 where CLIENTNO='C001'; -- b select \* from CLIENT MASTER; 76 • Export: Wrap Cell Content: Result Grid Filter Rows: CLIENTNO NAME ADDRESS1 ADDRESS2 CITY PINCODE STATE BALDUE C001 Ivan Bayross ABC JKL Mumbai 400054 Maharashtra 1000.00 C002 Mamta Muzumdar BCD KLM Madras 780001 Tamil Nadu 0.00 C003 Chhaya Bankar LMN Mumbai 400057 Maharashtra 5000.00 C004 Ashwini Joshi Bangalore 560001 DEF MNO Karnataka 0.00 C005 Hansel Colaco Bangalore 400060 Maharashtra 2000.00 C006 Deepak Sharma FGH OPQ Mangalore 560050 Karnataka 0.00 C007 Sohail Khan POR Surat 395005 Guiarat 345.00

c. Change the cost price of 'Trousers' to rs.950.00.



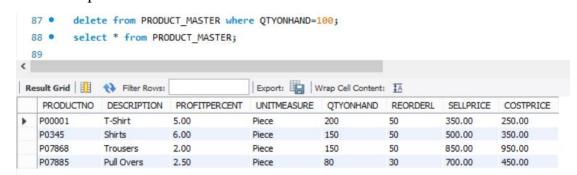
d. Change the city of the salesman to Pune.



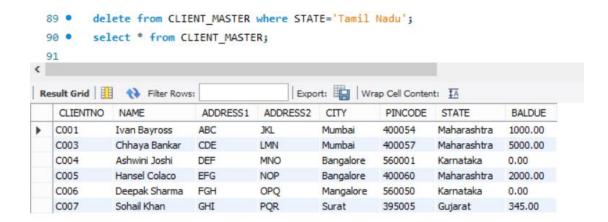
- 3. Exercise on deleting records in a table
- a. Delete all salesman from the Salesman\_Master whose salaries are equal to Rs.3500.



b. Delete all products from Product\_Master where the quantity on hand is equal to 100.



c. Delete from Client\_Master where the column state holds the value 'Tamil Nadu'.



4. Exercise on altering the table structure

C006

C007

Deepak Sharma

Sohail Khan

FGH

alter table CLIENT\_MASTER add Telephone int;

a. Add a column called 'Telephone' of data type integer to the Client Master table.

```
94 •
          select * from CLIENT_MASTER;
                                              Export: Wrap Cell Content: IA
Result Grid Filter Rows:
                                         ADDRESS2
   CLIENTNO
              NAME
                              ADDRESS1
                                                    CITY
                                                                PINCODE
                                                                           STATE
                                                                                        BALDUE
                                                                                                 Telephone
                                                                                                HULL
   C001
              Ivan Bayross
                             ABC
                                         JKL
                                                    Mumbai
                                                                400054
                                                                          Maharashtra
                                                                                       1000.00
                                                                                                NULL
   C003
              Chhaya Bankar
                             CDE
                                         LMN
                                                    Mumbai
                                                                400057
                                                                          Maharashtra
                                                                                       5000.00
   C004
              Ashwini Joshi
                             DEF
                                         MNO
                                                    Bangalore
                                                                560001
                                                                          Karnataka
                                                                                       0.00
                                                                                                MULL
   C005
                                         NOP
                                                    Bangalore
              Hansel Colaco
                             EFG
                                                                400060
                                                                          Maharashtra
                                                                                       2000.00
```

Mangalore

Surat

560050

395005

HULL

NULL

0.00

345.00

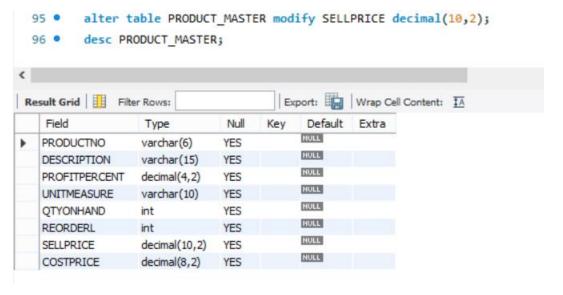
Karnataka

Gujarat

b. Change the size off SellPrice column in Product \_Master to 10, 2.

OPO

PQR



## 5. Exercise on deleting the table structure along with the data

a. Destroy the table Client\_Master along with its data.



## 6. Exercise on renaming the table

a. Change the name of the Salesman Master to sman mast.

