

**EXPERIMENT NO: - 2****AIM: - Perform the queries on the given relations/ tables.****The relations/ tables are;****Table : Client\_Master**

Attribute Name	Data Description
Client_No	VARCHAR2(6)
Name	VARCHAR2(20)
City	VARCHAR2(15)
Pincode	NUMBER(6)
State	VARCHAR2(10)
Bal _due	NUMBER(10, 2)

**Table : Product\_Master**

Attribute Name	Data Description
Product_No	VARCHAR2(6)
Description	VARCHAR2(20)
Profit_percentage	NUMBER(4,2)
Unit_measure	VARCHAR2(10)
Qty_on_hand	NUMBER(8)
Reorder_level	NUMBER(8)
Sell_price	NUMBER(8,2)
Cost_price	NUMBER(8,2)

**Table : Salesman\_Master**

Attribute Name	Data Description
Salesman_No	VARCHAR2(6)
Salesman_Name	VARCHAR2(35)
Address1	VARCHAR2(15)
Address1	VARCHAR2(15)
S_City	VARCHAR2(15)
Pincode	NUMBER(6)
State	VARCHAR2(10)
Sal_amt	NUMBER(8,2)
Tgt_to_get	NUMBER(6,2)
Ytd_sales	NUMBER(8,2)
Remarks	VARCHAR2(15)

**Table: Client\_Master**

client_no	name	city	pincode	state	bal_due
C00001	Ivan Bayross	Bombay	400054	Maharashtra	15000
C00002	Vandana Saitwal	Madras	780001	Tamil Nadu	0
C00003	Pramada Jaguste	Bombay	400057	Maharashtra	5000
C00004	Basu Navindgi	Bombay	400056	Maharashtra	0
C00005	Ravi Sreedharan	Delhi	100001		2000
C00006	Rukmini	Bombay	400050	Maharashtra	0

Table : Product\_Master

product_no	description	profit_percent	unit_measure	qty_on_hand	reorder_lvl	sell_price	cost_price
P00001	1.44 Floppies	5	Piece	100	20	525	500
P03453	Monitors	6	Piece	10	3	12000	11280
P06734	Mouse	5	Piece	20	5	1050	1000
P07865	1.22 Floppies	5	Piece	100	20	525	500
P07868	Keyboards	2	Piece	10	3	3150	3050
P07885	CD Drive	2.5	Piece	10	3	5250	5100
P07965	540 HDD	4	Piece	10	3	8400	8000
P07975	1.44 Drive	5	Piece	10	3	1050	1000
P08865	1.22 Drive	5	Piece	2	3	1050	1000

Table : Salesman\_Master

salesman_no	salesman_name	address1	address2	city	pincode	state	sal_amt	tgt_to_get	Ytd_sales	remarks
S00001	Kiran	A/14	Worli	Bombay	400002	Maharashtra	3000	100	50	Good
S00002	Manish	65	Nariman	Bombay	400001	Maharashtra	3000	200	100	Good
S00003	Ravi	P-7	Bandra	Bombay	400032	Maharashtra	3000	200	100	Good
S00004	Ashish	A/5	Juhu	Bombay	400044	Maharashtra	3500	200	150	Good

**Queries:**

1. Create tables
2. Insert the rows in tables

**3) 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 and the cities of all the clients.
- d) List the various products available from the product\_master table.
- e) List all the clients who are located in Bombay.
- f) Find the names of the salesman who have a salary equal to Rs.3000.

**4) Exercise on updating records in a table:**

- a) Change the city of client\_no 'C00005' to 'Bombay'.
- b) Change the bal\_due of client\_no 'C00001' to Rs. 1000.
- c) Change the cost price of '1.22 Floppies' to Rs. 950.00.
- d) Change the city of the salesman to Mumbai.

**5) Exercise on deleting records in a table:**

- a) Delete all salesmen 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'.

**6) Exercise on Altering the table structure:**

- a) Add a column called 'telephone' of data type 'number' and size = '10' to the client\_master table.
- b) Change the size of sell\_price column in product\_master to 10,2.

**7) Exercise on deleting the table structure along with the data:**

- a) Destroy the table client\_master along with its data.

**8) Exercise on renaming the table:**

- a) Change the name of the salesman\_master table to sman\_mast.