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	address 2	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.