CSE2004: DBMS Lab

1. Create the tables described below:

Table Name: Client_Master

Column Name	DataType
Clientno	Varchar2(6)
Name	Varchar2(20)
Address	Varchar2(30)
City	Varchar2(10)
Pincode	Number(8)
State	Varchar2(15)
Baldue	Number(10,2)

Table Name: Product_Master

Column Name	DataType
Productno	Varchar2(6)
Description	Varchar2(15)
Um(Unitmeasure)	Varchar2(10)
QOH(Qty on hand)	Number(10)
Reorderlvl	Number(5)
Sellprice	Number(8,2)
Costprice	Number(8,2)

2. Insert the following data into their respective tables:

    a) Data for **Client_Master** table

Clientno	Name	Address	City	Pincode	State	Baldue
C00001	Asha	A/14, worli	Mumbai	400054	Maharashtra	15000
C00002	Lakshmi	65, Nariman	Bangalore	560001	Karnataka	0
C00003	Puja	P-76, Bandra	Mumbai	400002	Maharashtra	10000
C00004	Shankar	A/6, Juhu	Mangalore	400044	Karnataka	5000
C00005	Deepak	68, TNagar	Chennai	6320018	Tamilnadu	0

    b) Data for **Product_Master** table

Productno	Description	Um	QOH	Reorderlvl	Sellprice	Costprice
P00001	T-Shirts	Piece	200	40	350	250
P0345	Shirts	Piece	150	50	500	350
P06744	Cotton Jeans	Piece	50	20	600	450
P0990	Chuddy	Piece	100	40	400	250
P08823	Sarries	Piece	60	50	500	300

3. 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.

4. Updating records in a table
   a) Change the City of Clientno 'C00001' to 'Chennai'
   b) Change the Baldue of Clientno 'C00005' to Rs.1000
   c) Change the cost price of 'shirts' to Rs. 400
   d) Change the QOH of the 'T-shirts' to 150

5. Deleting records in a table
   a) Delete all products from Product_Master where the quantity on hand is equal to 100
   b) Delete from Client_Master where the column state holds the value "Tamilnadu"
   c) Delete all clients from Client_Master where the Baldue is equal to 0.

6. Altering the table structure
   a) Add a column call Profitpercent of datatype number10,2 to the Product_Master
   b) Change the size of sellprice column in Product_Master to 10,2
   c) Change the name of the column UM to UnitMeasure in Product_Master
   d) Drop the column UnitMeasure.
   e) Drop the table Client_Master along with its data.