HANDS ON EXERCISES

1. Create the tables described below:

Table Name: CLIENT_MASTER

Description: Used to store client information.

Column Name	Data Type	Size	Default	Attributes
CLIENTNO	Varchar2	6		
NAME	Varchar2	20		
ADDRESS1	Varchar2	30		
ADDRESS2	Varchar2	30		
CITY	Varchar2	15		
PINCODE	Number	8		
STATE	Varchar2	15		
BALDUE	Number	10,2		

Table Name: PRODUCT_MASTER

Description: Used to store product information.

Column Name	Data Type	Size	Default	Attributes
PRODUCTNO	Varchar2	6		
DESCRIPTION	Varchar2	15		
PROFITPERCENT	Number	4,2		
UNITMEASURE	Varchar2	10		
QTYONHAND	Number	8		
REORDERLVL	Number	8		
SELLPRICE	Number	8,2		
COSTPRICE	Number	8,2		

Table Name: SALESMAN_MASTER

Description: Used to store salesman information working for the company.

Column Name	Data Type	Size	Default	Attributes
SALESMANNO	Varchar2	6		
SALESMANNAME	Varchar2	20		
ADDRESS1	Varchar2	30		
ADDRESS2	Varchar2	30		
CITY	Varchar2	20		
PINCODE	Number	8		
STATE	Varchar2	20		
SALAMT	Number	8,2		
TGTTOGET	Number	6,2		
YTDSALES	Number	6,2		
REMARKS	Varchar2	60		

2. Insert the following data into their respective tables:

a) Data for CLIENT_MASTER table:

ClientNo	Name	City	Pincode	State	BalDue
C00001	Ivan Bayross	Mumbai	400054	Maharashtra	15000
C00002	Mamta Muzumdar	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

b) Data for PRODUCT_MASTER table:

ProductNo	Description	Profit Percent	Unit Measure	QtyOn Hand	ReorderLvl	SellPrice	CostPrice
P00001	T-Shirts	5	Piece	200	50	350	250
P0345	Shirts	6	Piece	150	50	500	350
P06734	Cotton Jeans	5	Piece	100	20	600	450
P07865	Jeans	5	Piece	100	20	750	500
P07868	Trousers	2	Piece	150	50	850	550
P07885	Pull Overs	2.5	Piece	80	30	700	450
P07965	Denim Shirts	4	Piece	100	40	350	250
P07975	Lycra Tops	5	Piece	70	30	300	175
P08865	Skirts	5	Piece	75	30	450	300

c) Data for SALESMAN_MASTER table:

SalesmanNo	Name	Address1	Address2	City	PinCode	State
S00001	Aman	A/14	Worli	Mumbai	400002	Maharashtra
S00002	Omkar	65	Nariman	Mumbai	400001	Maharashtra
S00003	Raj	P-7	Bandra	Mumbai	400032	Maharashtra
S00004	Ashish	A/5	Juhu	Mumbai	400044	Maharashtra

SalesmanNo	SalAmt	TgtToGet	YtdSales	Remarks
S00001	3000	100	50	Good
S00002	3000	200	100	Good
S00003	3000	200	100	Good
S00004	3500	200	150	Good

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, city and the sate 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 salesmen who have a salary equal to Rs.3000.

4. Exercise on updating records in a table
a. Change the city of ClientNo 'C00005' to 'Bangalore'.
b. Change the BalDue of ClientNo 'C00001' to Rs. 1000.
c. Change the cost price of 'Trousers' to Rs. 950.00.
d. Change the city of the salesman to Pune.

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 SellPrice 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.