Experiment 1

TITLE: DDL (Data Definition Language) commands

Objective: To understand the concept of designing issue related to the database with creating, populating the tables.

1. Create the tables described below:

Table name: CLIENT_MASTER

Description: Used to store client information.

Column Name	Data Type	Size
CLIENTNO	Varchar	6
NAME	Varchar	20
ADDRESS 1	Varchar	30
ADDRESS 2	Varchar	30
CITY	Varchar	15
PINCODE	Integer	
STATE	Varchar	15
BALDUE	decimal	10,2

```
2 • ⊖ create table CLIENT_MASTER(
3
     CLIENTNO varchar(6),
4
     NAME varchar(20),
5
    ADDRESS1 varchar(30),
6
     ADDRESS2 varchar(30),
7
    CITY varchar(15),
     PINCODE int,
8
     STATE varchar(15),
9
10
     BALDUE decimal(10,2)
    );
11
12 • select * from CLIENT_MASTER;
```

Table Name: PRODUCT_MASTER

Description: Used to store product information

Column Name	Data Type	Size
PRODUCTNO	Varchar	6
DESCRIPTION	Varchar	15
PROFITPERCENT	Decimal	4,2
UNIT MEASURE	Varchar	10
QTYONHAND	Integer	
REORDERL VL	Integer	
SELLPRICE	Decimal	8,2
COSTPRICE	Decimal	8,2

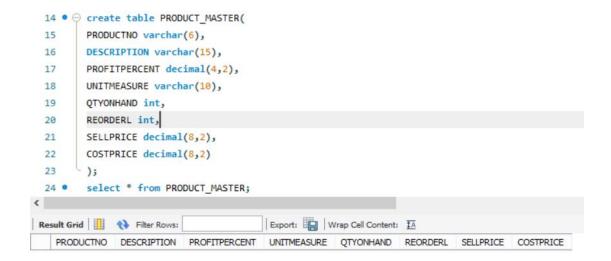


Table Name: SALESMAN_MASTER

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

Column Name	Data Type	Size	
SALESMANNO	Varchar	6	
SALESMANNAME	Varchar	20	
ADDRESS 1	Varchar	30	
ADDRESS 2	Varchar	30	
CITY	Varchar	20	
PINCODE	Integer		
STATE	Varchar	20	
SALAMT	Real		

TGTTOGET	Decimal	
YTDSALES	Double	6,2
REMARKS	Varchar	60



2. Insert the following data into their respective tables:

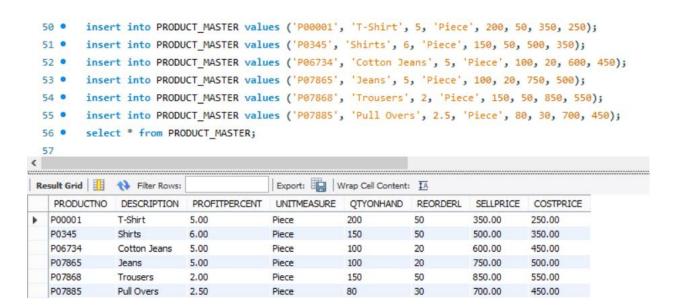
a) Data for CLIENT_MASTER table:

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

```
39 • insert into CLIENT_MASTER values ('C001', 'Ivan Bayross', 'ABC', 'JKL', 'Mumbai', 400054, 'Maharashtra', 15000);
        insert into CLIENT_MASTER values ('C002', 'Mamta Muzumdar', 'BCD', 'KLM', 'Madras', 780001, 'Tamil Nadu', 0);
 40 .
        insert into CLIENT_MASTER values ('C003', 'Chhaya Bankar', 'CDE', 'LMN', 'Mumbai', 400057, 'Maharashtra', 5000);
        insert into CLIENT_MASTER values ('C004', 'Ashwini Joshi', 'DEF', 'MNO', 'Bangalore', 560001, 'Karnataka', 0);
 42 •
        insert into CLIENT_MASTER values ('C005', 'Hansel Colaco', 'EFG', 'NOP', 'Mumbai', 400060, 'Maharashtra', 2000);
        insert into CLIENT_MASTER values ('C006', 'Deepak Sharma', 'FGH', 'OPQ', 'Mangalore', 560050, 'Karnataka', 0);
        insert into CLIENT_MASTER values ('C007', 'Sohail Khan', 'GHI', 'PQR', 'Surat', 395005, 'Gujarat', 345);
 45 .
        select * from CLIENT_MASTER;
Result Grid Filter Rows:
                                       | Export: | | Wrap Cell Content: IA
   CLIENTNO NAME
                           ADDRESS1 ADDRESS2 CITY
                                                       PINCODE STATE
                                                                            BALDUE
            Ivan Bayross
                                              Mumbai
                                                                Maharashtra
                                                                           15000.00
                                             Madras 780001
  C002
           Mamta Muzumdar BCD
                                    KLM
                                                                Tamil Nadu
                                                                           0.00
  C003
            Chhava Bankar
                          CDF
                                    LMN
                                              Mumbai
                                                        400057
                                                                Maharashtra
                                                                           5000.00
           Ashwini Joshi DEF
                                 MNO
  C004
                                           Bangalore 560001
                                                                Karnataka 0.00
                                              Mumbai
                                                                Maharashtra
           Deepak Sharma FGH OPQ
                                             Mangalore 560050
  C006
                                                                Karnataka 0.00
  C007
            Sohail Khan
                          GHI
                                    PQR
                                              Surat
                                                       395005
                                                                Gujarat
                                                                           345.00
```

b) Data for **PRODUCT MASTER** table:

PRODUCTNO	DESCRIPTION	PROFIT	UNIT	QTYONHAND	REORDERL	SELL	COST
		PERCENT	MEASURE			PRICE	PRICE
P00001	T-Shirt	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 jeans	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	TTGTOGET	YTDSALES	REMARKS
S00001	3000	100	50	Good
S00002	3000	200	100	Good
S00003	3000	200	100	Good
S00004	3500	200	150	Good

