

LAB MANUAL

FOR

Data Base Management  
System  
Ms. Sonia Raoof

## Lab 3

### Q1. Create the following tables:

#### ii) client\_master

<u>columnname</u>	<u>datatype</u>	<u>size</u>
client_no	Varchar	6
name	Varchar	20
address1	Varchar	30
address2	Varchar	30
city	Varchar	15
state	varchar	15
pincode	integer	
bal_due	Decimal(p,d)	

#### iii) Product\_master

<u>Columnname</u>	<u>datatype</u>
Product_no	varchar
Description	text
Profit_percent	decimal (p,d)
Unit_measure	varchar
Qty_on_hand	int
Reoder_lvl	float
Sell_price	float
Cost_price	decimal (p,d)

### Q2- Insert the following data into their respective tables:

Clientno	Name	city	pincode	state	bal.due
0001	Ivan	Bombay	400054	Maharashtra	15000
0002	Vandana	Madras	780001	Tamilnadu	0
0003	Pramada	Bombay	400057	Maharashtra	5000
0004	Basu	Bombay	400056	Maharashtra	0
0005	Ravi	Delhi	100001		2000
0006	Rukmini	Bombay	400050	Maharashtra	0

**Data for Product Master:**

Product No.	Description	Profit_ percent	Unit_ measure	Qty on hand	Reorder_ lvl	Sell price	Cost price
P00001	1.44floppies	5	Piece	100	20	525	500
P03453	Monitors	6	Piece	10	3	12000	11200
P06734	Mouse	5	Piece	20	5	1050	500
P07865	1.22 floppies	5	Piece	100	20	525	500
P07868	Keyboards	2	Piece	10	3	3150	3050
P07885	CD Drive	2	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

**Q3:- Based on the above two tables answer the following Questions:**

- i) Find out the names of all the clients.
- ii) Retrieve the list of names and cities of all the clients.
- iii) List the various products available from the product\_master table.
- iv) List all the clients who are in Bombay.
- v) Display the information for client no 0001 and 0002.
- vi) Find the products with description as '1.44 drive' and '1.22 Drive'.
- vii) Find all the products whose sell price is greater than 5000.
- viii) Find the list of all clients who stay in in city 'Bombay' or city 'Delhi' or 'Madras'.
- ix) Find the product whose selling price is greater than 2000 and less than or equal to 5000.
- x) List the name, city, and state of clients not in the state of 'Maharashtra'.