

# Institute of Computer Technology

## B. Tech Computer Science and Engineering

### Sub: Database Management System (2CSE301)

Practical 1: To create database and insert records in the tables.

Scenario: Mohan who is a Computer Engineer seeking to start Computer Parts & Accessories Shop. They are planning to build Website and Application for which they met with IT Professionals and gave their requirements to develop the same. Now based on information gathered, IT Company is initiating to create Database.

#### A) Table Name: Client\_master

Description: Used to store information about clients.

Column Name	Data Type	Size
Client_no	Varchar	6
Name	Varchar	20
Ciy	Varchar	15
Pincode	Numeric	8
State	Varchar	15
Bal_due	Numeric	10,2

#### B) Table Name: Product\_master

Description: Used to store information about products.

Column Name	Data Type	Size
Product_no	Varchar	6
Description	Varchar	15
P_percent	Numeric	4,2
U_measure	Varchar	10
Qty_on_hand	Numeric	8
Reorder_lvl	Numeric	8
Sell_price	Numeric	8,2
Cost_price	Numeric	8,2

#### C) Table Name: Salesman\_master

Description: Used to store information about salesman working in the company.

Column Name	Data Type	Size
S_no	Varchar	6
S_name	Varchar	20
City	Varchar	20
Pincode	Numeric	8
State	Varchar	20
Sal_amt	Numeric	8,2
Tgt_to_get	Numeric	6,2
Ytd_sales	Numeric	6,2
remarks	Varchar	12

**A) Table Name: Client\_master**

Client_no	Name	City	Pincode	State	Bal_due
C001	Ivan	Bombay	400054	Maharashtra	15000
C002	Vandana	Madras	780001	Tamil Nadu	0
C003	Pramada	Bombay	400057	Maharashtra	5000
C004	Basu	Bombay	400056	Maharashtra	0
C005	Ravi	Delhi	100001	Gujarat	2000
C006	Rukmani	Bombay	400050	Maharashtra	0

**B) Table Name: Product\_master**

Product_ No	Description	P_ percent	U_ Measure	Qty_on_ hand	Reorder_ lvl	sell_ price	Cost_ price
P001	Floppies	5	Piece	100	20	525	500
P002	Monitor	6	Piece	10	3	12000	11280
P003	Mouse	5	Piece	20	5	1050	1000
P004	Floppies	5	Piece	100	20	525	500
P005	Keyboards	2	Piece	10	3	3150	3050
P006	Cd Drive	2.5	Piece	10	3	5250	5100
P007	1.44 Drive	4	Piece	10	3	8400	8000

**C) Table Name: Salesman\_master**

S_no	S_name	City	Pin	State	Sal_ Amt	Tgt_ to get	Ytd_ Sales	Remarks
S001	Kiran	Bombay	400002	Maharashtar	3000	100	50	Excellent
S002	Manish	Bombay	400001	Maharashta	3000	200	100	Good
S003	Ravi	Bombay	400032	Maharashta	3000	200	100	Average
S004	Ashish	Bombay	400044	Maharashta	3500	200	150	Good

**Exercise:**

1. Create database in mysql with your branch name and enrollment number.
2. Create table client\_master.
3. Create table product\_master.
4. Create table salesman\_master.
5. Describe structure for client\_master table.
6. Describe structure for product\_master table.
7. Describe structure for salesman\_master table.
8. Insert records in client\_master table.
9. Insert records in product\_master table.
10. Insert records in salesman\_master table.
11. Retrieve all records for client\_master table.
12. Retrieve product\_no, sell\_price and cost\_price for product\_master table.
13. Retrieve s\_no,s\_name, remarks and sal\_amt for salesman\_master table.
14. Display all tables for your database.