Assignment 4
DBMS Lab(PC-CS692)

OBJECTIVE-Learning DML and Nested Query

Q.1. Create the "Customers" table and populate with the data as provided below:

CustomerID	CustomerName	ContactName	Address	City	PostalCode	Country
1	Alfreds Futterkiste	Maria Anders	Obere Str. 57	Berlin	12209	Germany
2	Ana Trujillo Emparedados y helados	Ana Trujillo	Avda. de la Constitución 2222	México D.F.	05021	Mexico
3	Antonio Moreno Taquería	Antonio Moreno	Mataderos 2312	México D.F.	05023	Mexico
4	Around the Horn	Thomas Hardy	120 Hanover Sq.	London	WA1 1DP	UK
5	Berglunds snabbköp	Christina Berglund	Berguvsvägen 8	Luleå	S-958 22	Sweden

Q.2. Write SQL Statements for the following cases:

a) Add a new tuple in the Customers table with suitable data.

b) Create a backup table named Cust_BackUp containing all records of "Customers" table.

c) Delete all records from "Customers" table for all customers who live in the city of "Berlin" or the Country of "UK".

d) Show the Customer names and Addresses for all customers who do not live in the Countries of "UK" or "Mexico" in a sorted way in Alphabetic order of their Cities.(Use Cust_BackUp table)

e) Show the count of Distinct Country names in the Cust_BackUp table.

f) Show all customers from the "Cust_BackUp" table, sorted by the "Country" and then by "CustomerName" column.

g) Update City Name as "Tijuana" for all customers in "Cust_BackUp" table who live in "Mexico" but ContactName is not "Antonio Moreno".

h) Show the details of the customers who live in the Same Country as the Specific Customer whose Contact Name is “Ana Trujillo”. (Use **Cust_BackUp** Table)

i) Find Customers who do not belong to any of the Listed Countries. (Use **Cust_BackUp** Table)

j) Count Customers in each Country and display the CountryName and corresponding CustomerCount. (Use **Cust_BackUp** Table)

k) Find the number of customers in each City, sorted by Count in descending order. (Use **Cust_BackUp** Table)

Q.3. Write SQL Statements on Product_master Table created earlier for the following cases:

i) Show the count of total varieties of Products available.

ii) Display the name of the Product having highest Qty_on_hand.

iii) Display the average cost price of all of the products.

iv) Show the details of the Product which has the minimum Sell_price.