EXPERIMENT - 4

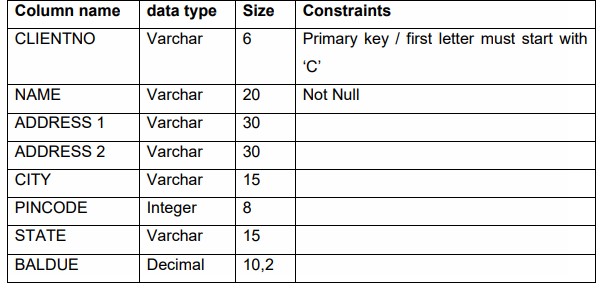
**Title: To understand and apply the concept of Constraints.**

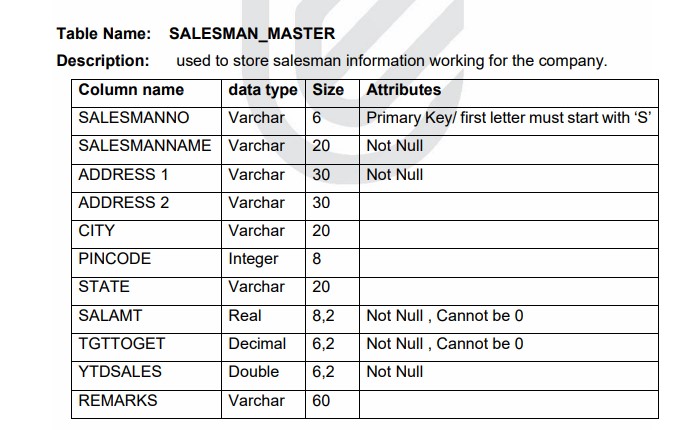
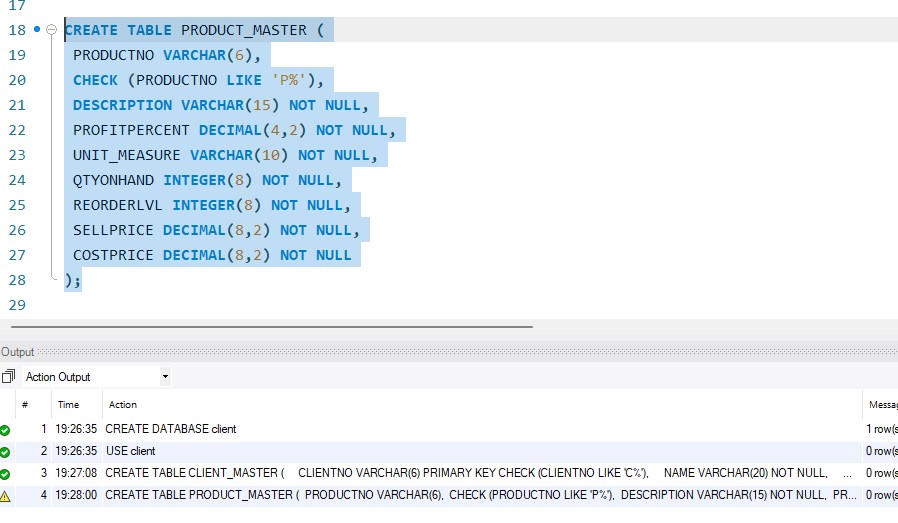
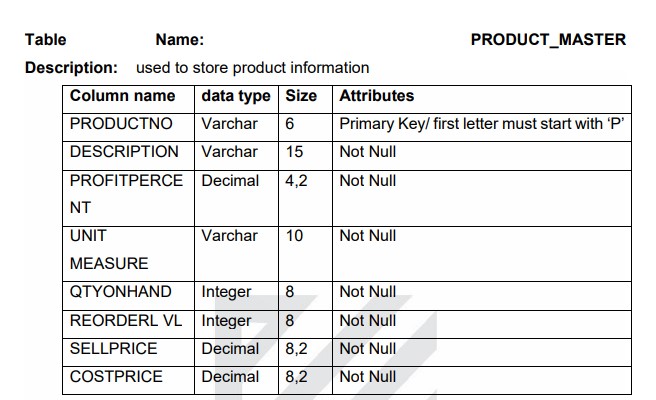
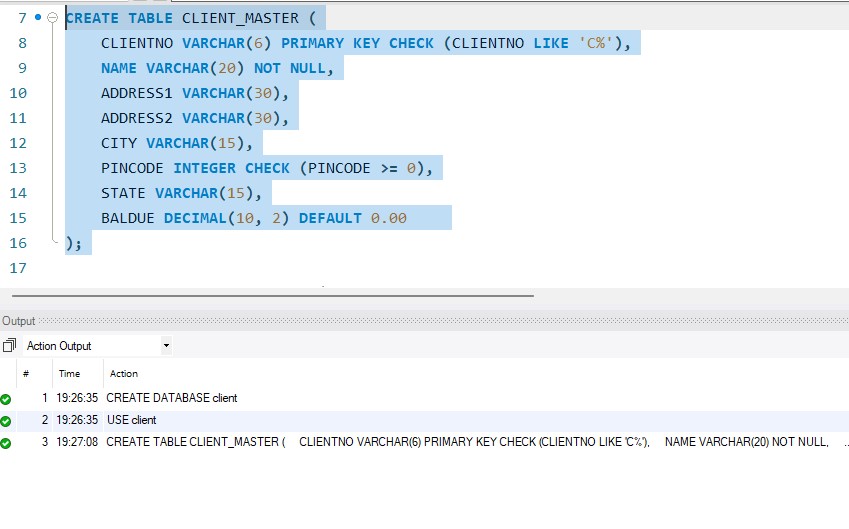
**Objective**: To understand the concept of data constraints that is enforced on data being stored in the table. Focus on Primary Key and the Foreign Key.

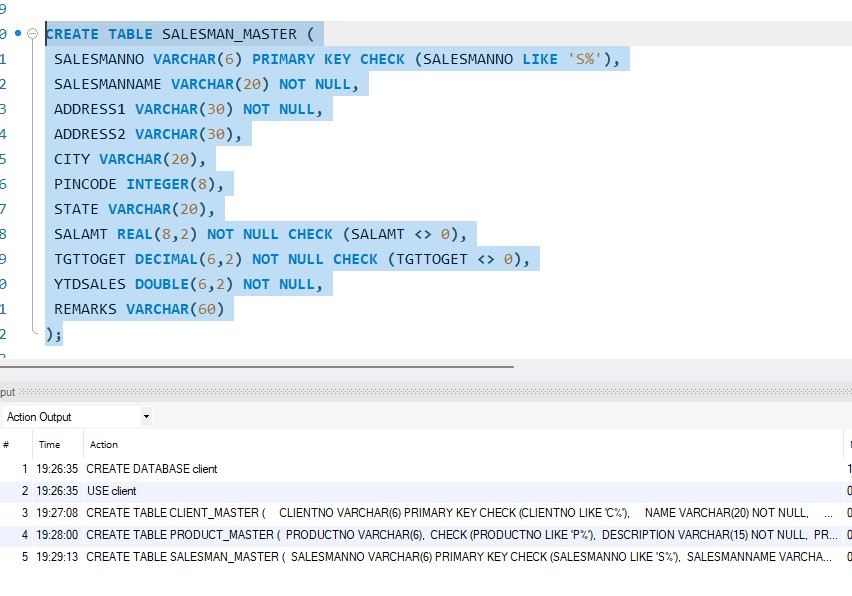
**1. Create the tables described below:**

**Table name**: CLIENT\_MASTER

**Description**: used to store client information.

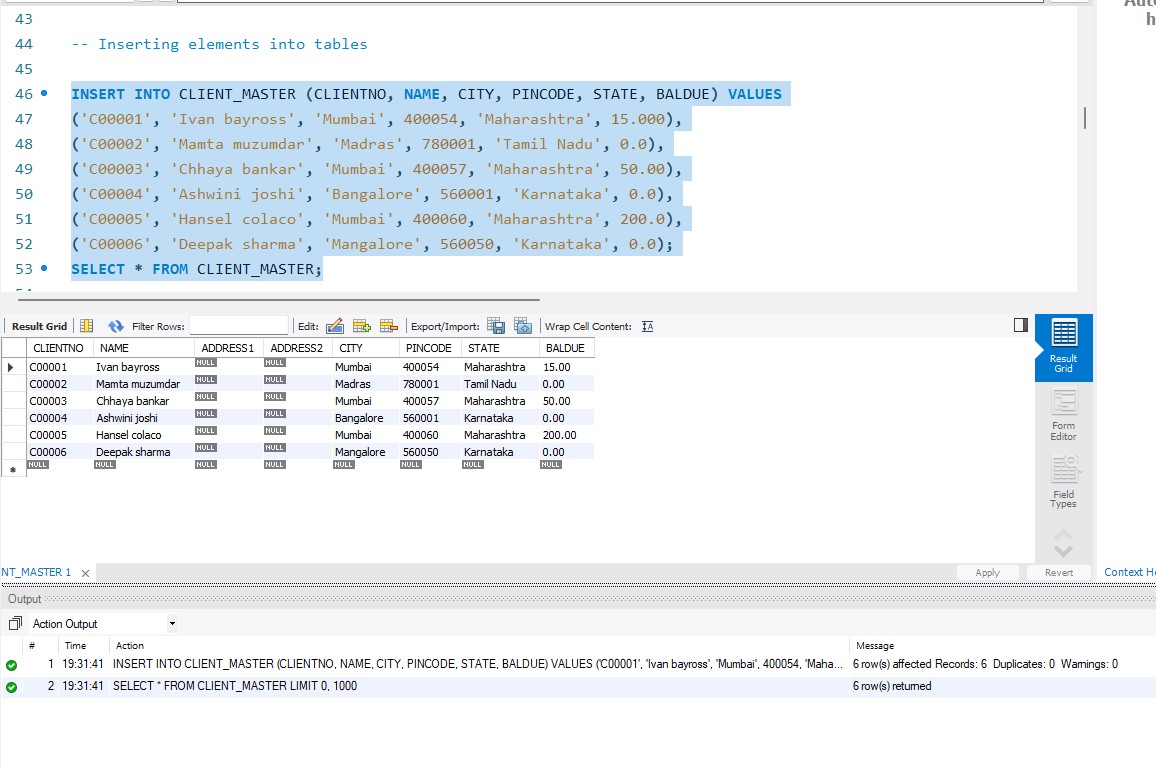




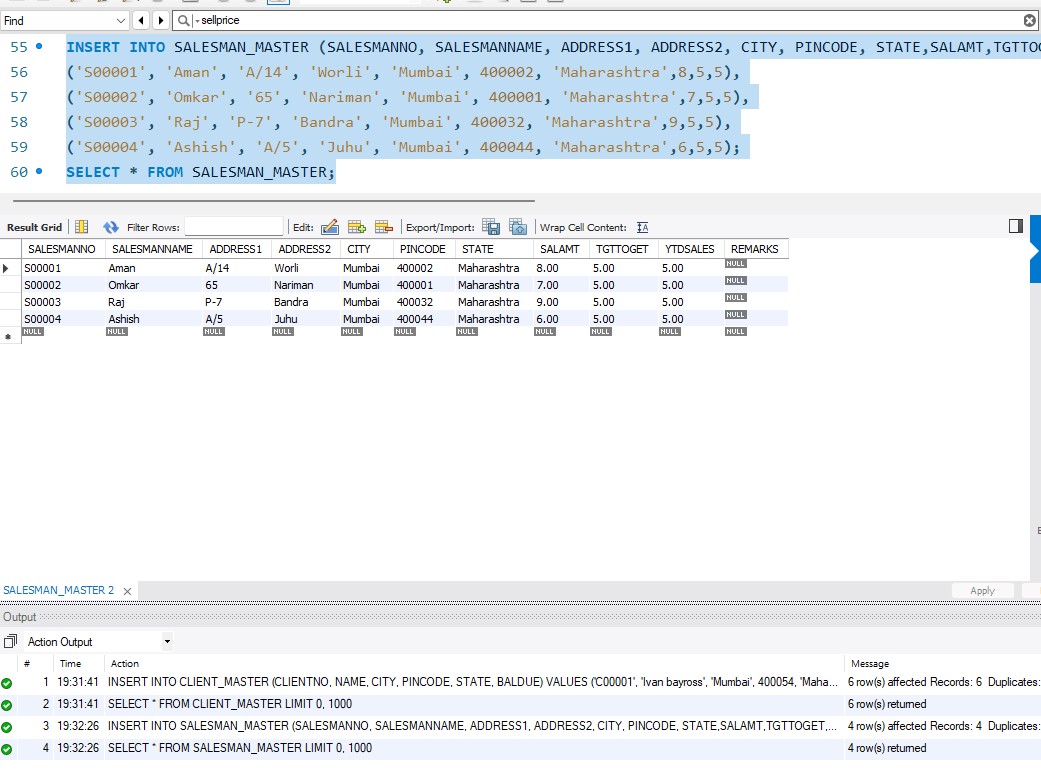


**Insert the following data into their respective tables:**

# Data for CLIENT\_MASTER table



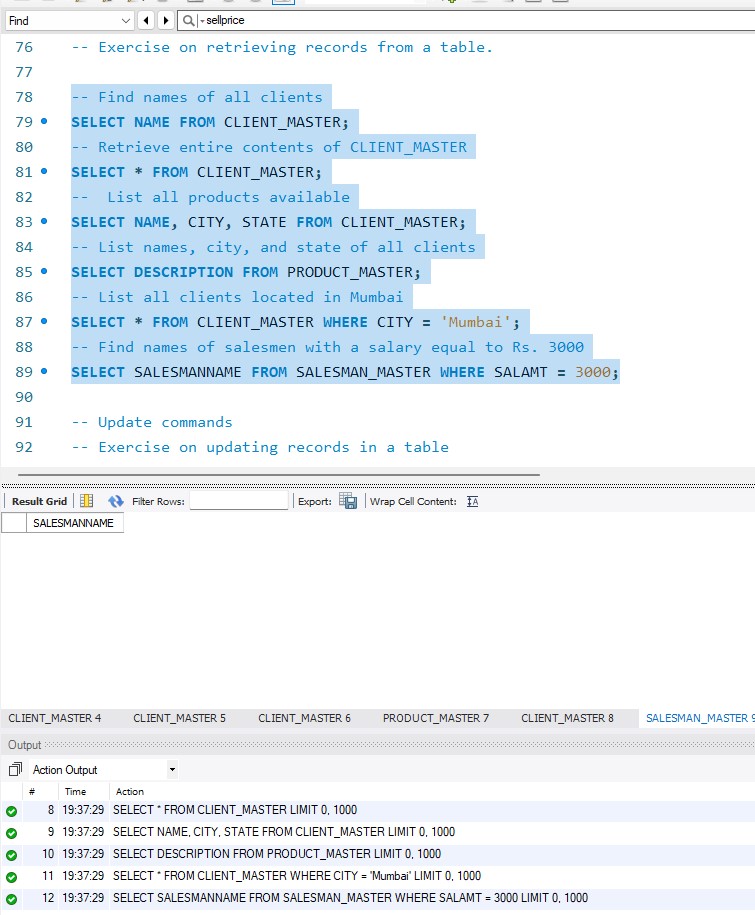
# Data for SALESMAN\_MASTER table



**Data for PRODUCT\_MASTER table retrieving records from a table** Find out the names of all the clients.

Retrieve the entire contents of the Client\_Master table.

1. Retrieve the list of names, city and the state of all the clients.
2. List the various products available from the Product\_Master table.
3. List all the clients who are located in Mumbai.
4. Find the names of salesman who have a salary equal to Rs.3000.

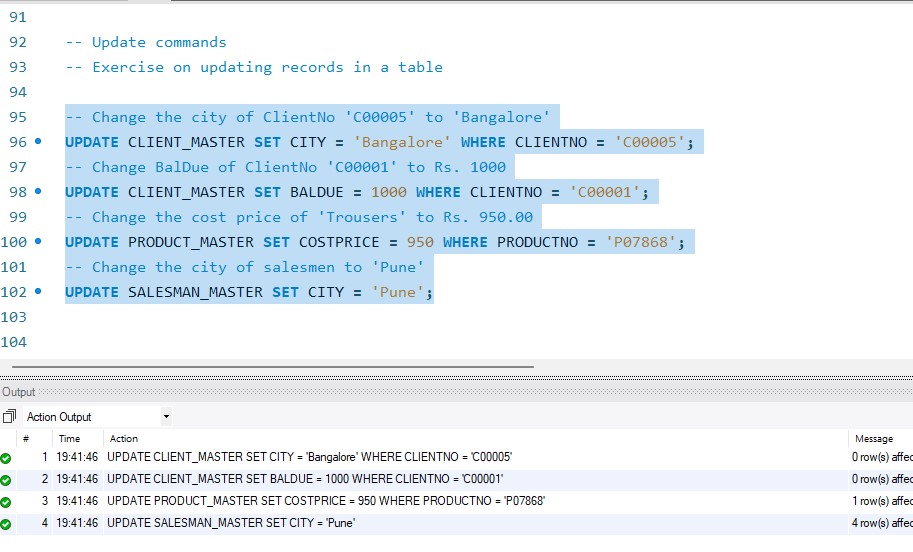


# updating records in a table

Change the city of ClientNo ‘C00005’ to ‘Bangalore’.

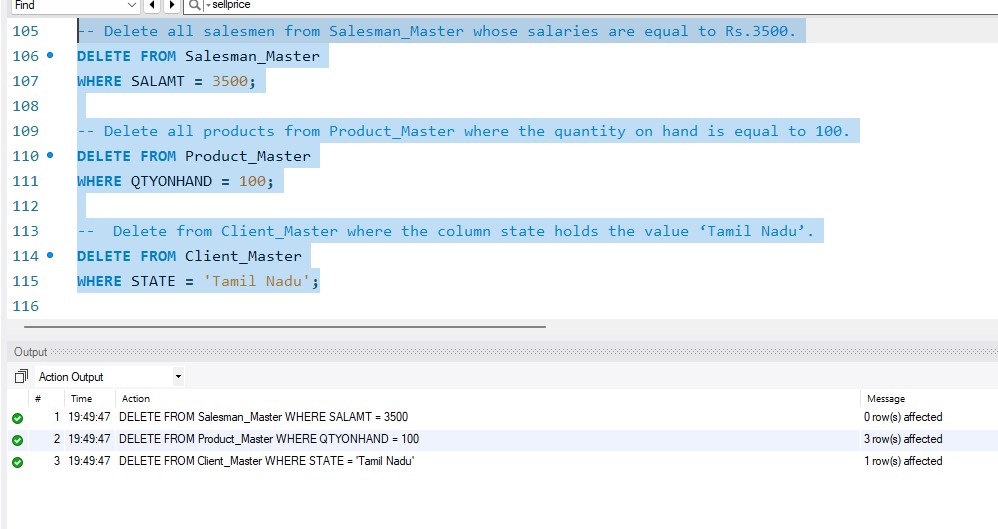
Change the BalDue of ClientNo ‘C00001’ to Rs.1000.

1. Change the cost price of ‘Trousers’ to rs.950.00.
2. Change the city of the salesman to Pune.



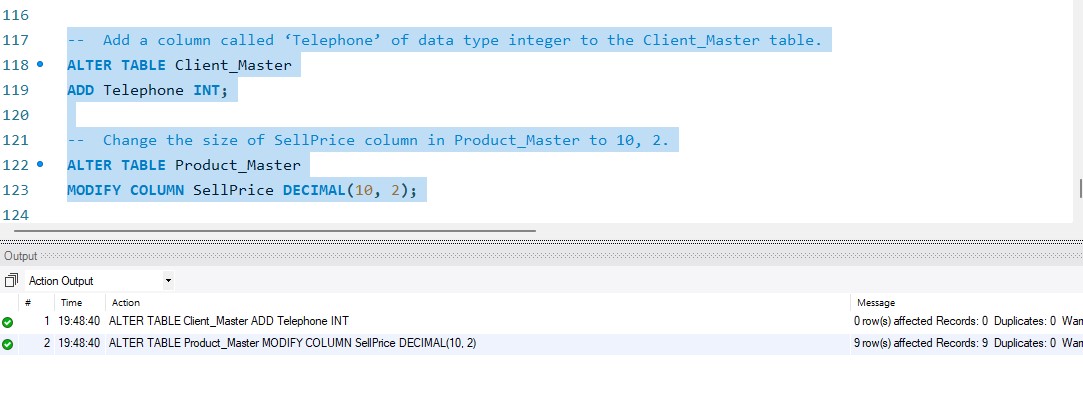
# Exercise on deleting records in a table

1. Delete all salesman from the Salesman\_Master whose salaries are equal to Rs.3500.
2. Delete all products from Product\_Master where the quantity on hand is equal to 100.
3. Delete from Client\_Master where the column state holds the value ‘Tamil Nadu’.

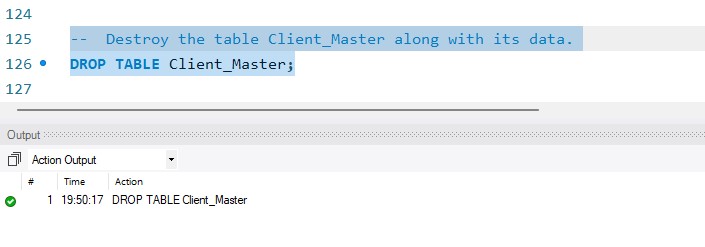


# altering the table structure

Add a column called ‘Telephone’ of data type integer to the Client\_Master table. Change the size off SellPrice column in Product \_Master to 10, 2.



# Exercise on deleting the table structure along with the data a. Destroy the table Client\_Master along with its data



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