**Ganpat University**

**Faculty of Engineering & Technology**

**Computer Science & Engineering**

**Practical\_2**

***Name:- Dwij Vatsal Desai***

***Sem:- 3***

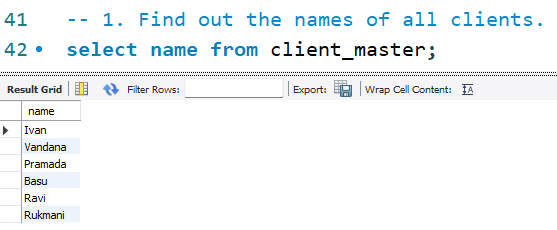
***Sub: - DBMS­­***

***Enrollment No.:- 23162121027***

# Retrieving records from table

* 1. Find out the names of all clients.

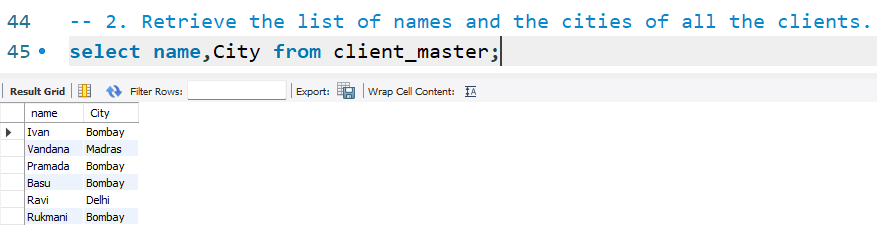
Query: select name from client\_master;

Image: 

2) Retrieve the list of names and the cities of all the clients.

Query:

select name,City from client\_master;

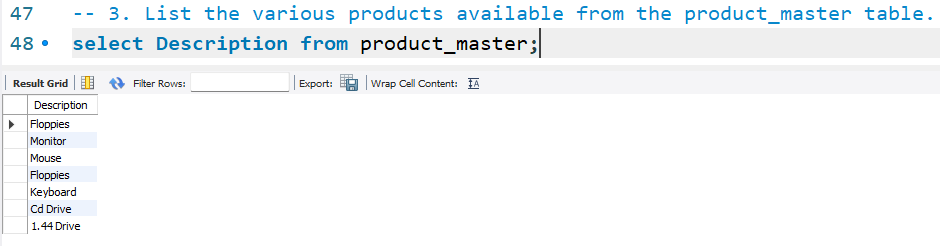
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3. List the various products available from the product\_master table.

Query:

select Description from product\_master;

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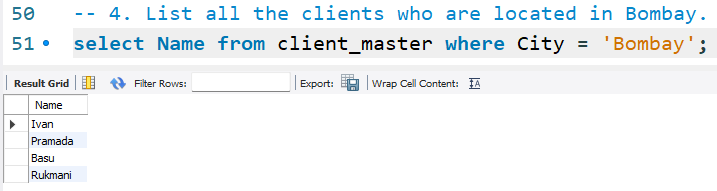


4) List all the clients who are located in Bombay.

Query:

select Name from client\_master where City = 'Bombay';

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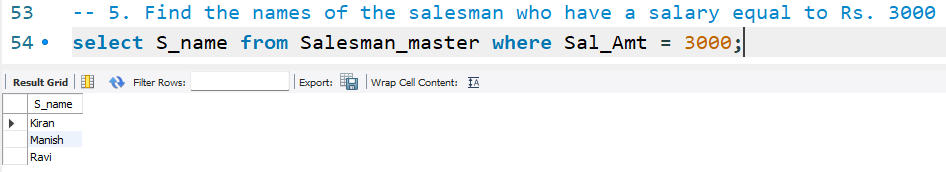


5) Find the names of the salesman who have a salary equal to Rs. 3000

Query:

select S\_name from Salesman\_master where Sal\_Amt = 3000;

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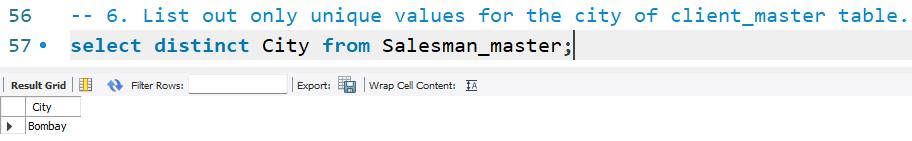


6. List out only unique values for the city of client\_master table.

Query:

select distinct City from Salesman\_master;

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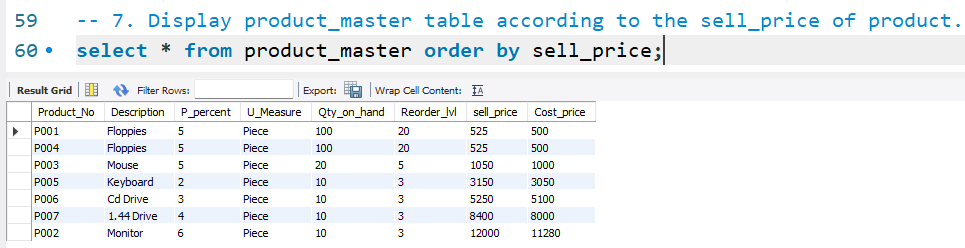


7) Display product\_master table according to the sell\_price of product.

Query:

select \* from product\_master order by sell\_price;

Image:

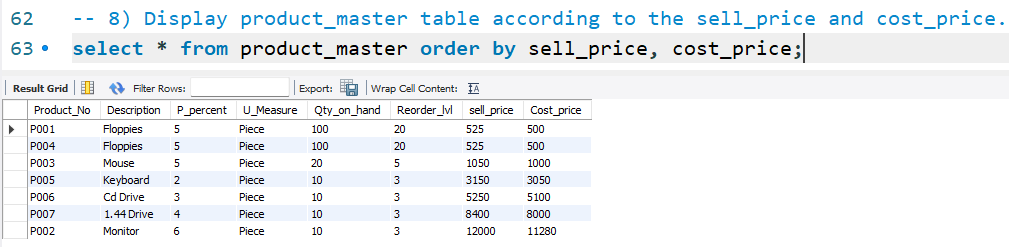


8) Display product\_master table according to the sell\_price and cost\_price.

Query:

select \* from product\_master order by sell\_price, cost\_price;

Image:

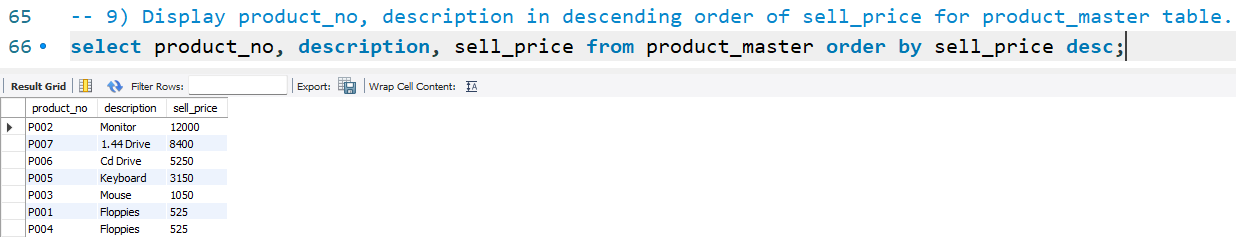


9) Display product\_no, description in descending order of sell\_price for product\_master table.

Query:

select product\_no, description, sell\_price from product\_master order by sell\_price desc;

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# Updating records in a table.

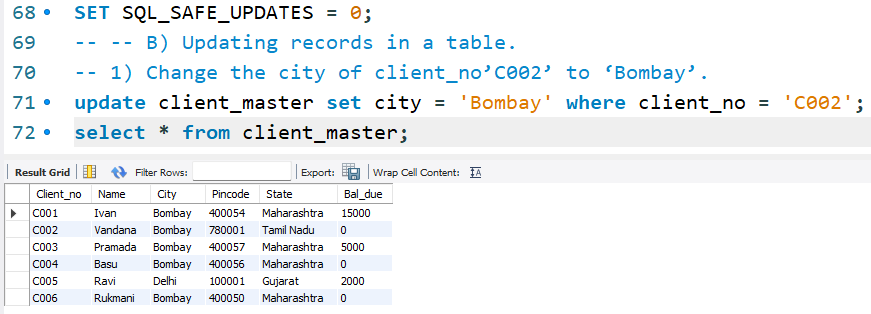
* 1. Change the city of client\_no’C002’ to ‘Bombay’.

Query:

update client\_master set city = 'Bombay' where client\_no = 'C002';

select \* from client\_master;

Image:



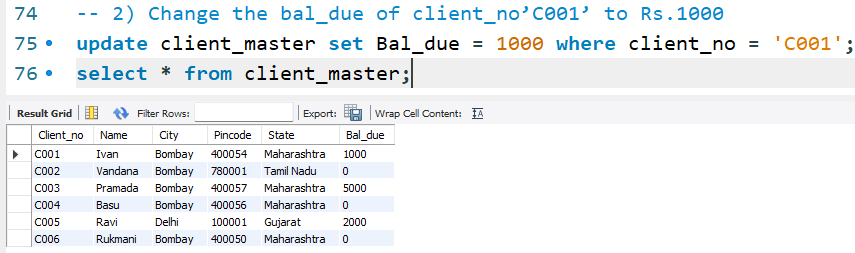
* 1. Change the bal\_due of client\_no’C001’ to Rs.1000

Query:

update client\_master set Bal\_due = 1000 where client\_no = 'C001';

select \* from client\_master;

Image:



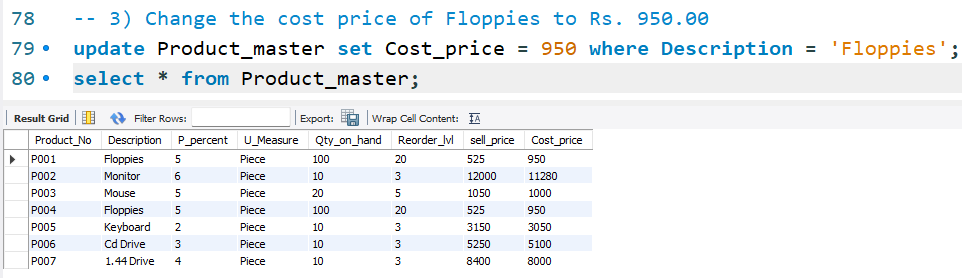
* 1. Change the cost price of Floppies to Rs. 950.00

Query:

update Product\_master set Cost\_price = 950 where Description = 'Floppies';

select \* from Product\_master;

Image:



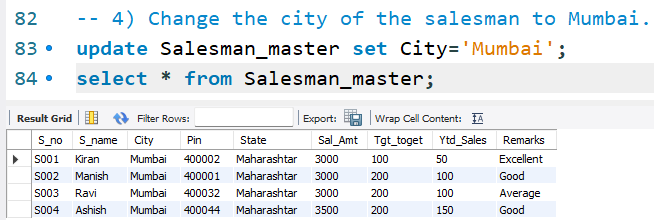
* 1. Change the city of the salesman to Mumbai.

Query:

update Salesman\_master set City='Mumbai';

select \* from Salesman\_master;

Image:



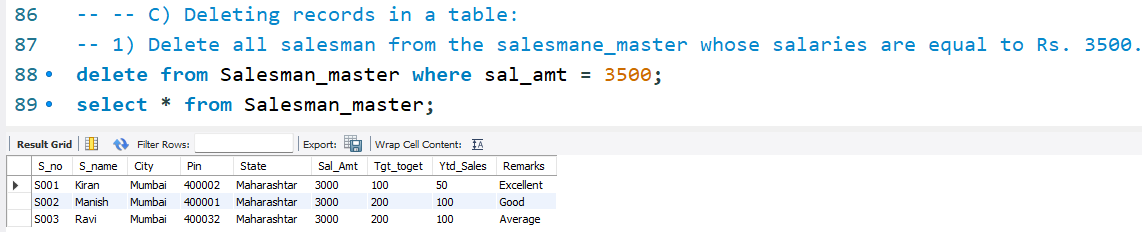
# Deleting records in a table:

* 1. Delete all salesman from the salesmane\_master whose salaries are equal to Rs. 3500.

Query:

delete from Salesman\_master where sal\_amt = 3500;

select \* from Salesman\_master;

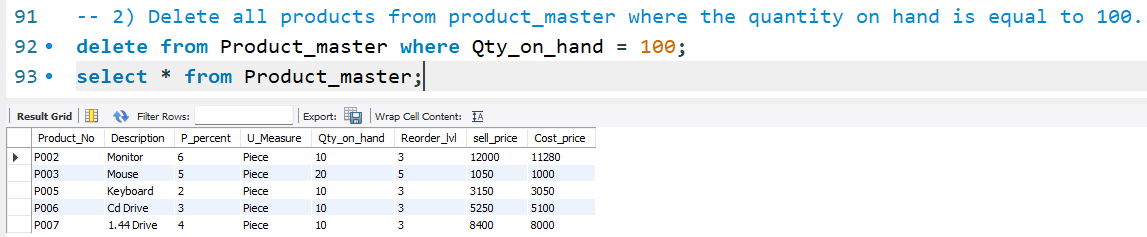
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* 1. Delete all products from product\_master where the quantity on hand is equal to 100.

Query:

delete from Product\_master where Qty\_on\_hand = 100;

select \* from Product\_master;

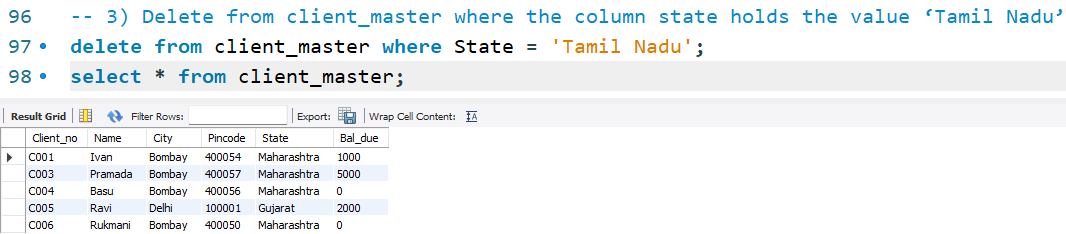
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* 1. Delete from client\_master where the column state holds the value ‘Tamil Nadu’.

Query:

delete from client\_master where State = 'Tamil Nadu';

select \* from client\_master;

Image: 

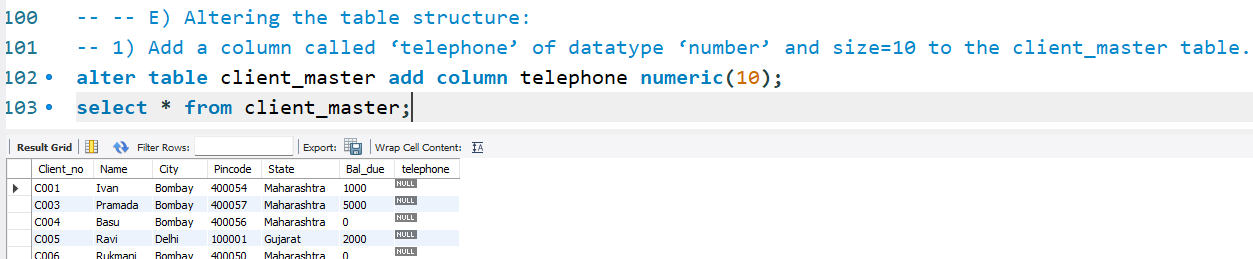
# Altering the table structure:

* 1. Add a column called ‘telephone’ of datatype ‘number’ and size=10 to the client\_master table.

Query:

alter table client\_master add column telephone numeric(10);

select \* from client\_master;

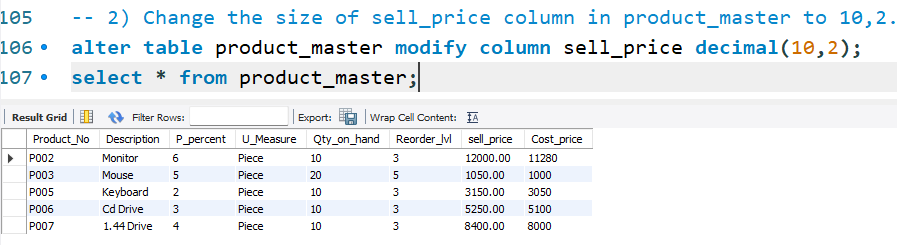
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* 1. Change the size of sell\_price column in product\_master to 10,2.

Query:

alter table product\_master modify column sell\_price decimal(10,2);

select \* from product\_master;

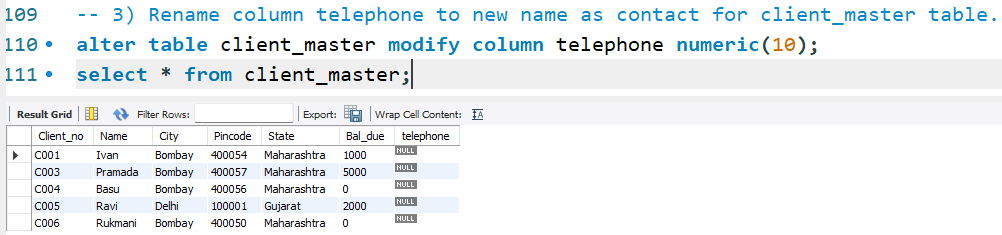
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* 1. Rename column telephone to new name as contact for client\_master table.

Query:

alter table client\_master modify column telephone numeric(10);

select \* from client\_master;

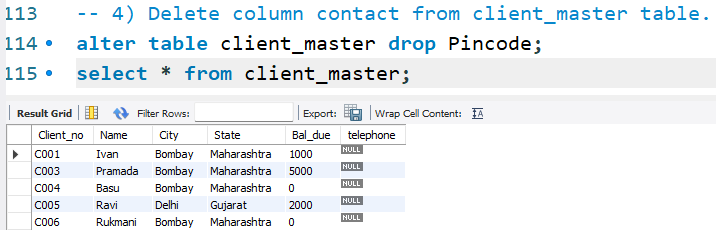
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* 1. Delete column contact from client\_master table.

Query:

alter table client\_master drop Pincode;

select \* from client\_master;

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# Deleting the table structure along with data:

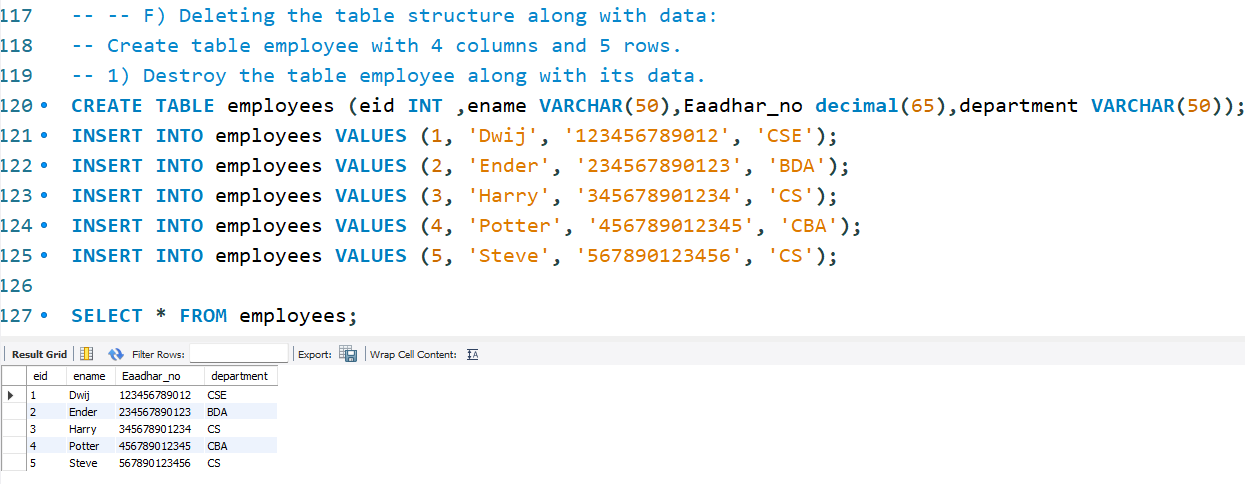
Create table employee with 4 columns and 5 rows.

* 1. Destroy the table employee along with its data.

Query:

alter table client\_master drop Pincode;

select \* from client\_master;

Image: 

(droping the employees table)



# Renaming the table:

* 1. Change the name of the salesman\_master table to sman\_mast.

Query:

rename table salesman\_master to sman\_mast;

SELECT \* FROM sman\_mast;

Image: 