Institute of computer technology

B.Tech-CSE(BDA)

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Sem:-3

Enrollment no.:-23162121020

Batch:-31

Sub:-DBMS

Date:-31/7/24

Practical

Q:- A) Retrieving records from table.

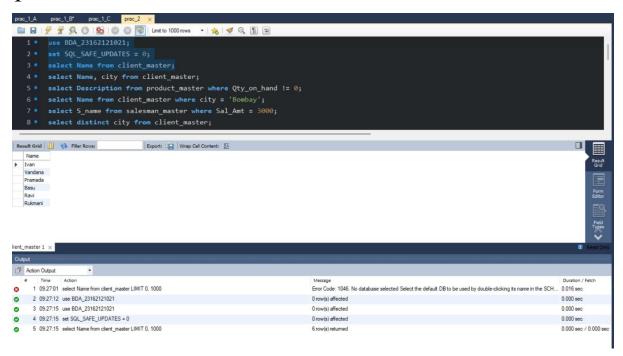
- 1) Find out the names of all clients.
- 2) Retrieve the list of names and the cities of all the clients
- 3) List the various products available from the product_master table.
- 4) List all the clients who are located in Bombay.
- 5) Find the names of the salesman who have a salary equal to Rs. 3000
- 6) List out only unique values for the city of client_master table
- 7) Display product_master table according to the sell_price of product.
- 8) Display product_master table according to the sell_price and cost_price.
- 9) Display product_no, description in descending order of sell_price for product_master table.

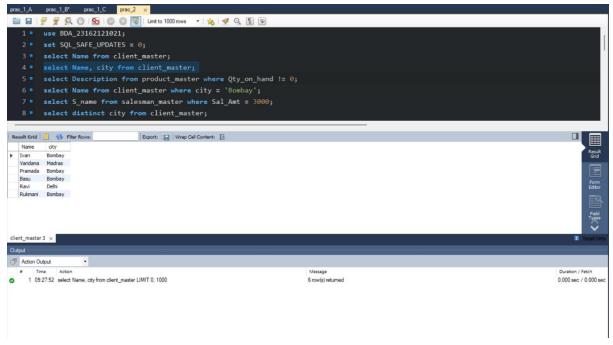
set $SQL_SAFE_UPDATES = 0$;

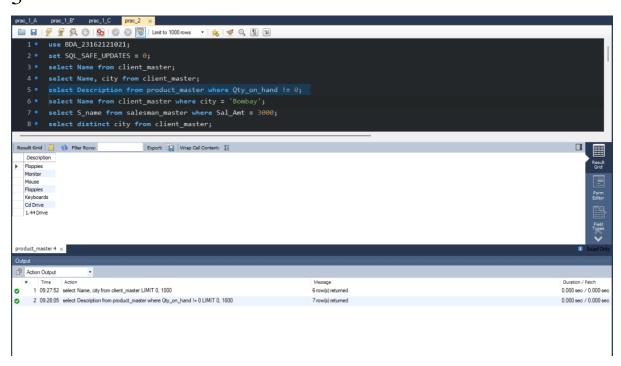
1)select Name from client_master;

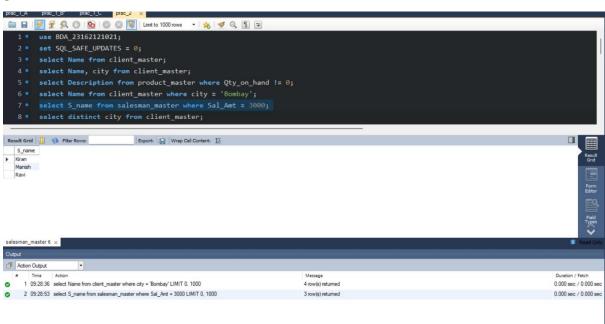
- 2)select Name, city from client_master;
- 3)select Description from product_master where Qty_on_hand != 0;
- 4)select Name from client_master where city = 'Bombay';
- 5)select S_name from salesman_master where Sal_Amt = 3000;
- 6)select distinct city from client_master;
- 7)select sell_price from product_master;
- 8)select sell_price, cost_price from product_master;
- 9)select * from product_master order by sell_price desc;

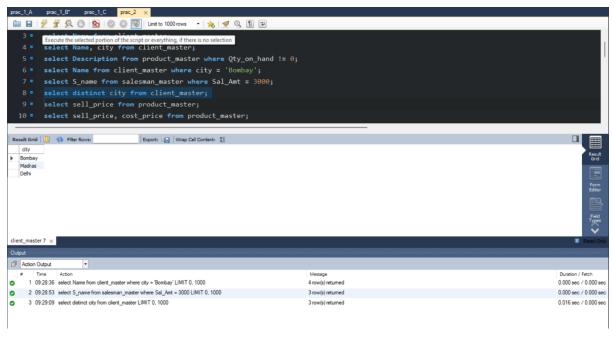
Screenshot:-

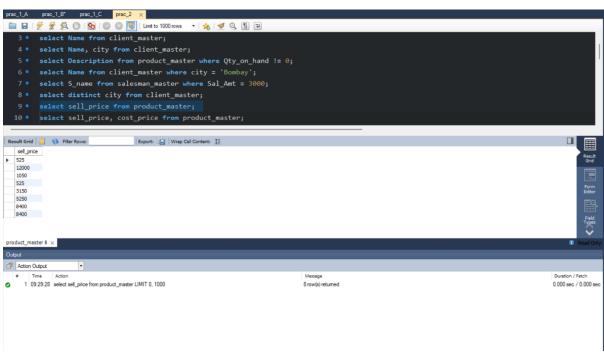


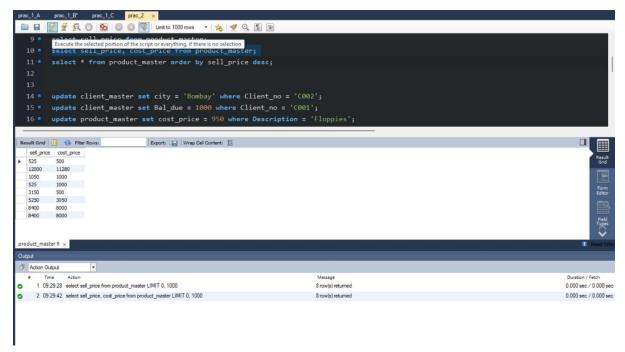


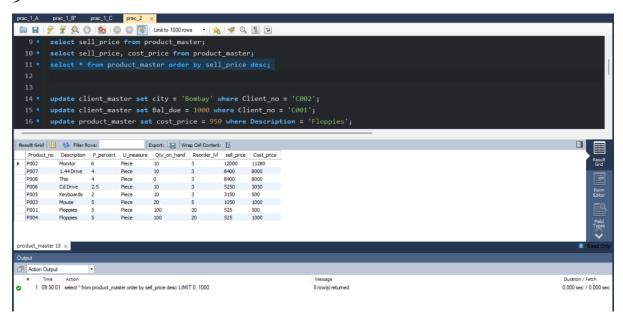












- Q:- B) Updating records in a table.
- 1) Change the city of client_no'C002' to 'Bombay'.
- 2) Change the bal_due of client no'C001' to Rs.1000
- 3) Change the cost price of Floppies to Rs. 950.00
- 4) Change the city of the salesman to Mumbai.

A=> Query:-

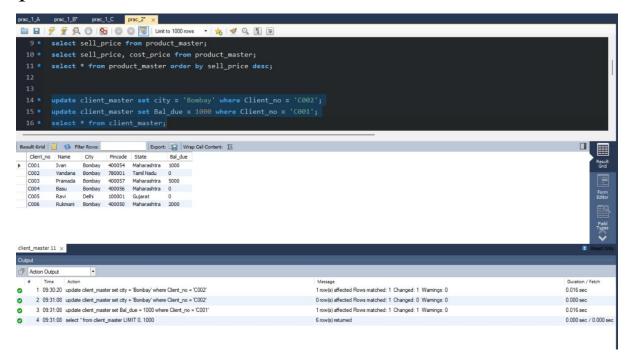
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update client_master set city = 'Bombay' where Client_no = 'C002';

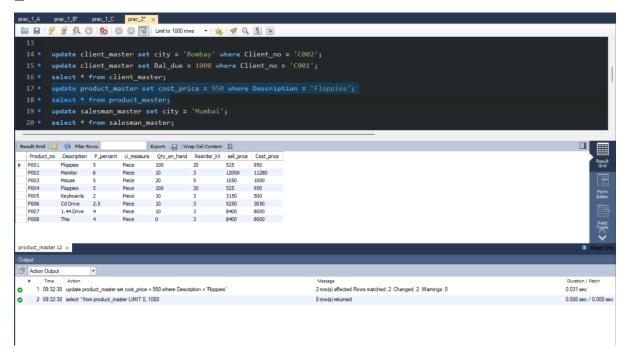
update client_master set Bal_due = 1000 where Client_no = 'C001';

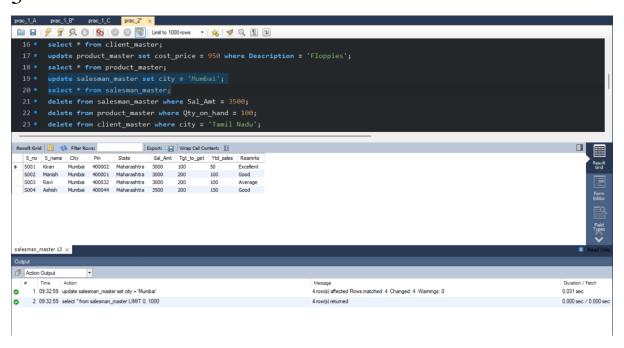
update product_master set cost_price = 950 where Description = 'Floppies';

update salesman_master set city = 'Mumbai';
```

Screenshot:-







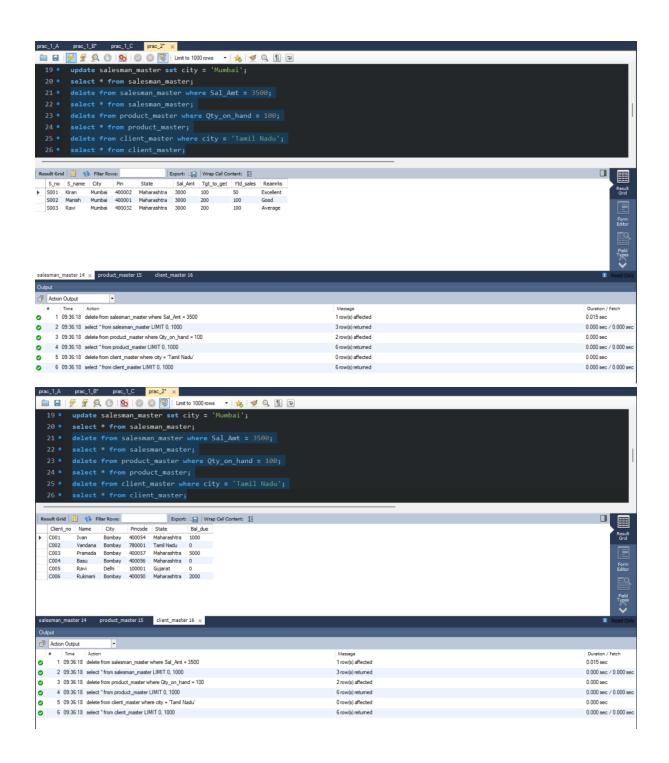
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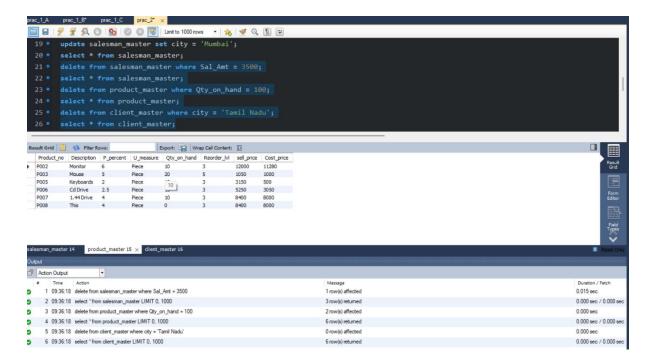
Q:- C) Deleting records in a table:

- 1) Delete all salesman from the salesmane_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'.

A=> Query:-

delete from salesman_master where Sal_Amt = 3500;
delete from product_master where Qty_on_hand = 100;
delete from client_master where city = 'Tamil Nadu';





Q:- E) Altering the table structure:

- 1) Add a column called 'telephone' of datatype 'number' and size=10 to the client_master table.
- 2) Change the size of sell_price column in product_master to 10,2.
- 3) Rename column telephone to new name as contact for client_master table.
- 4) Delete column contact from client_master table.

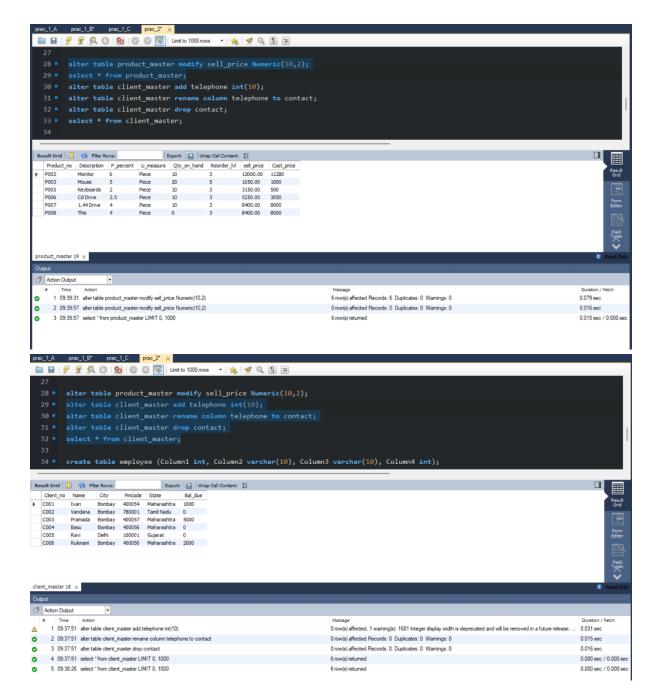
A=> Query:-

alter table client_master add telephone int(10);

alter table product_master modify sell_price Numeric(10,2);

alter table client_master rename column telephone to contact;

alter table client_master drop contact;



Q:- F) Deleting the table structure along with data:

Create table employee with 4 columns and 5 rows.

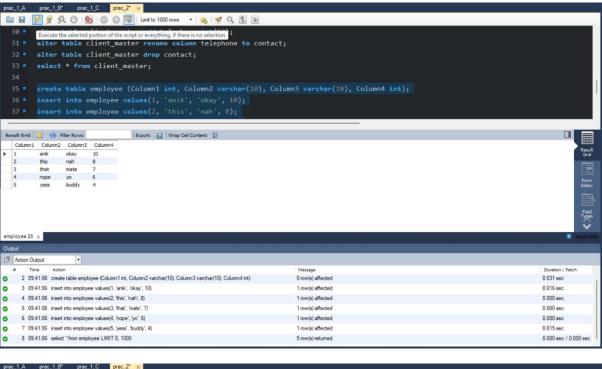
1) Destroy the table employee along with its data.

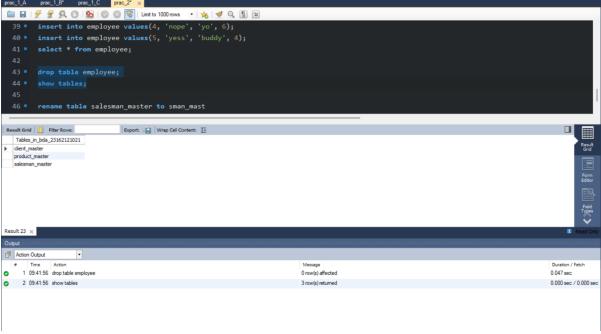
A=> Query:-

create table employee (Column1 int, Column2 varchar(10), Column3 varchar(10), Column4 int);

insert into employee values(1, 'anik', 'okay', 10);

insert into employee values(2, 'this', 'nah', 8); insert into employee values(3, 'that', 'mate', 7); insert into employee values(4, 'nope', 'yo', 6); insert into employee values(5, 'yess', 'buddy', 4); drop table employee;





Q:- G) Renaming the table:

1) Change the name of the salesman_master table to sman_mast.

A=> Query:-

rename table salesman_master to sman_mast

