Name - Yash Lakhtariya
Enrollment number - 21162101012
Branch - CBA , Batch - 31
DBMS Practical 2

Institute of Computer Technology B. Tech Computer Science and Engineering

Sub: Database Management System (2CSE301)

Practical 2: **Performing Deletion, Modifying, Altering, Updating and Viewing records based on conditions on tables.**

Scenario : Mohan is reviewing the work done till now and suggest IT Company to create one more table named Employee to have their records. They are applying CRUD Operation i.e. changes in table structure and data modified with different fields.

Exercise:

Solve the following queries using the database given in practical 1.

A) Retrieving records from table.

1) Find out the names of all clients.

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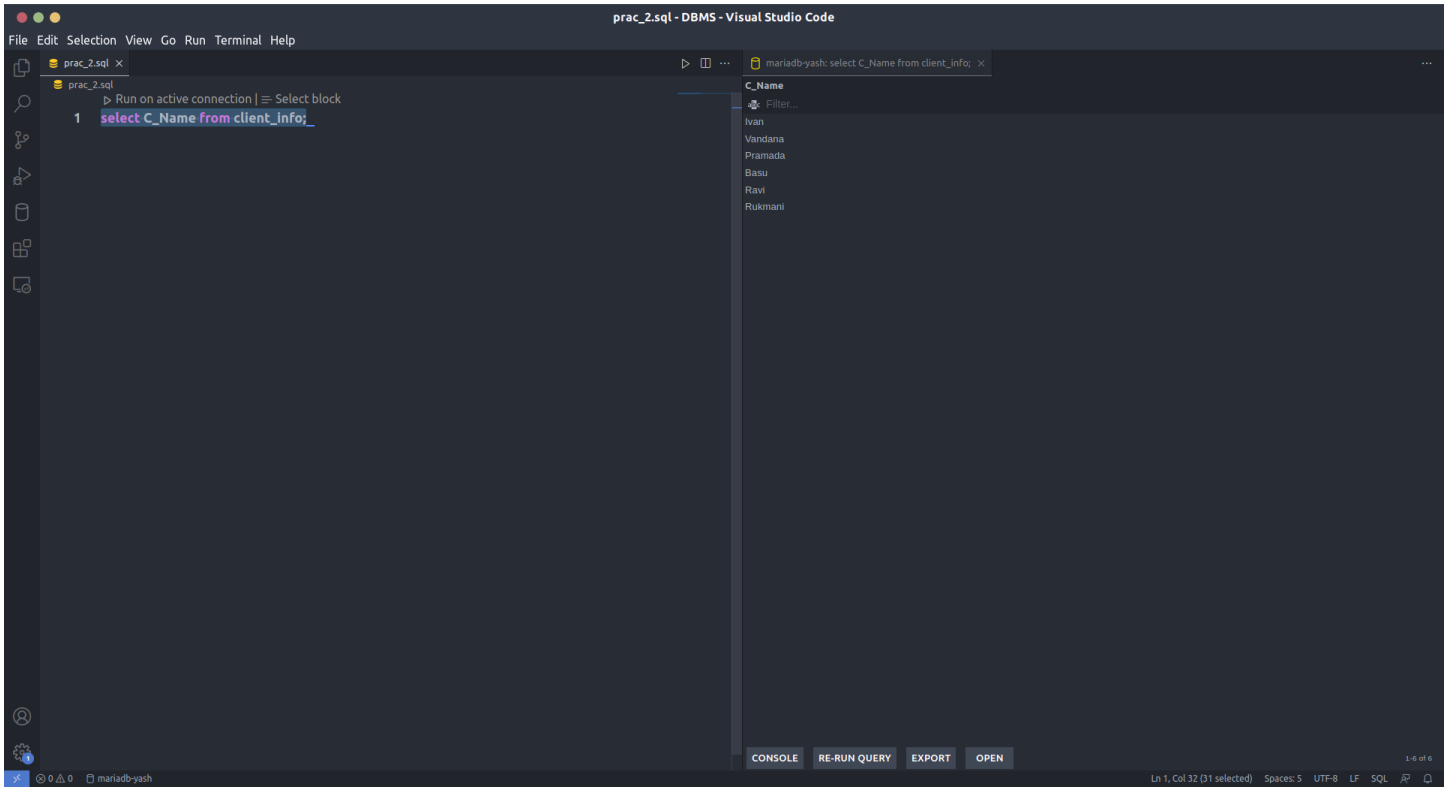
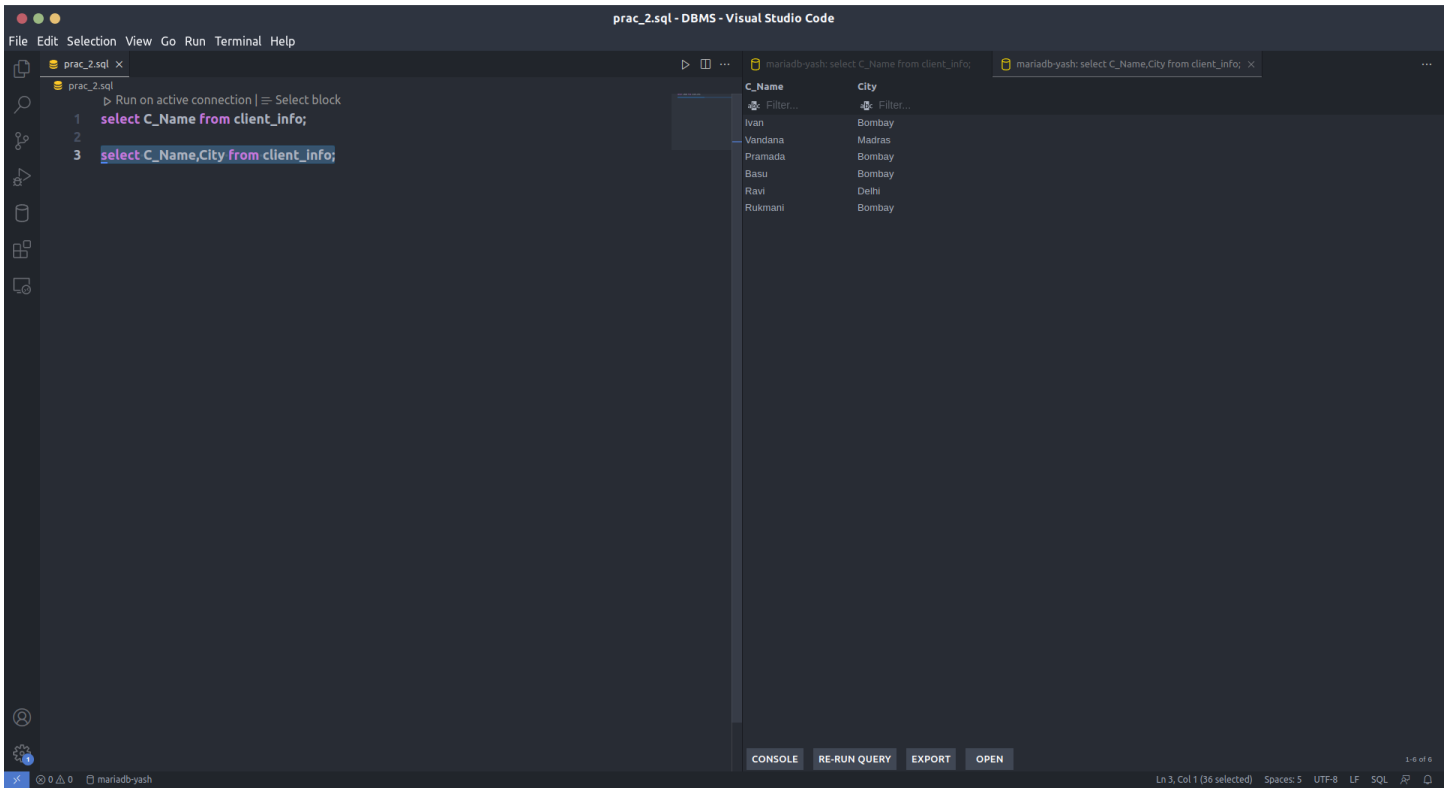


2) Retrieve the list of names and the cities of all the clients



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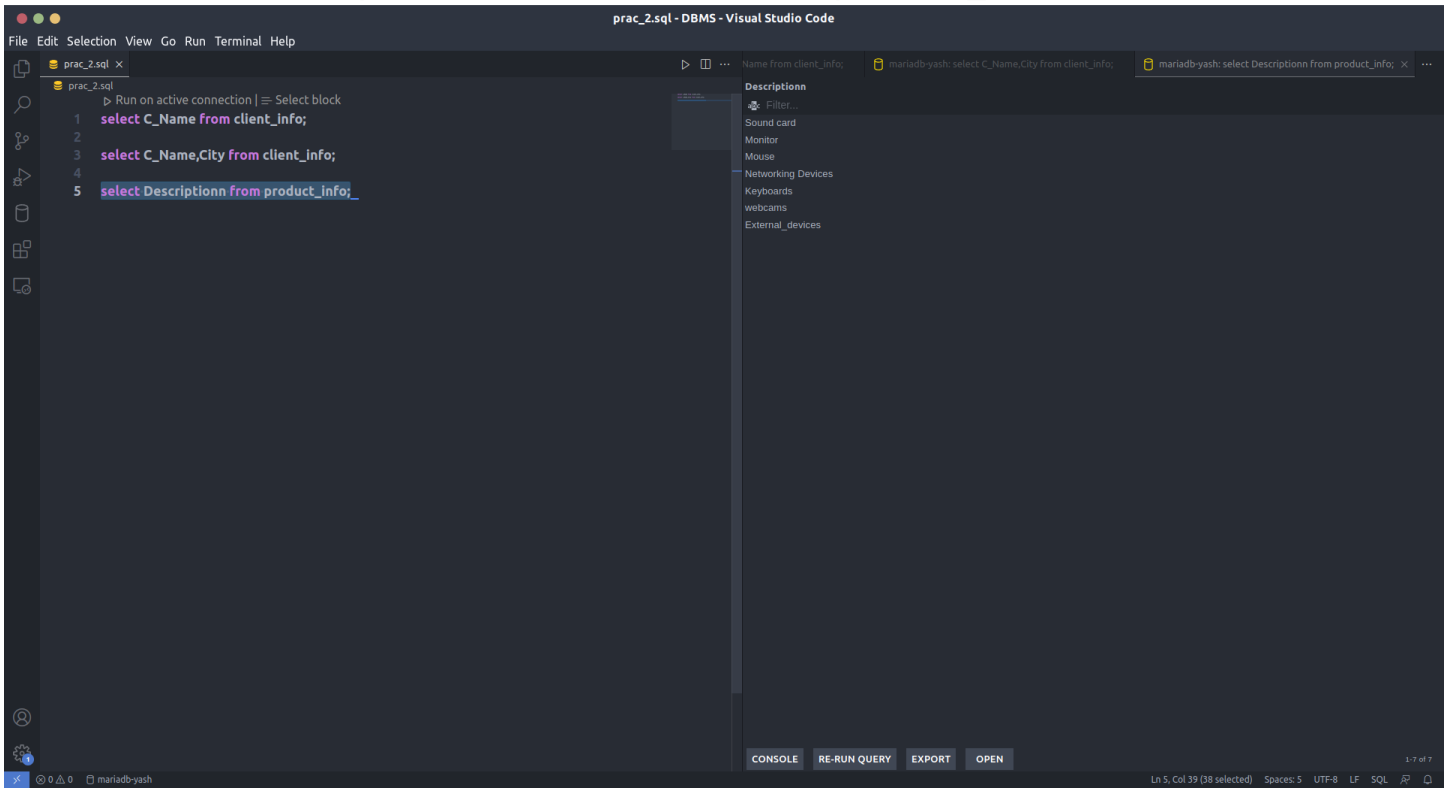
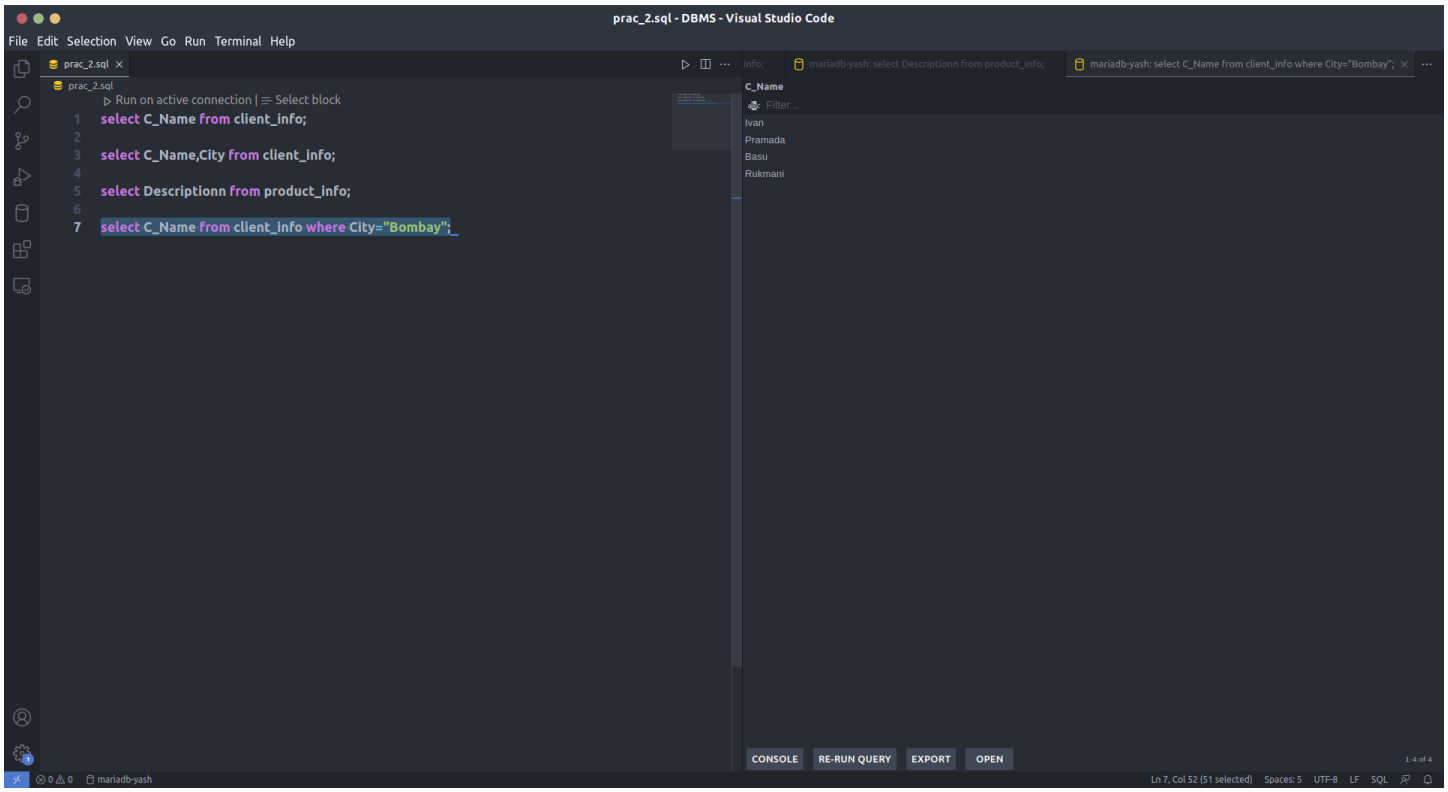
3) List the various products available from the product_master table.



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



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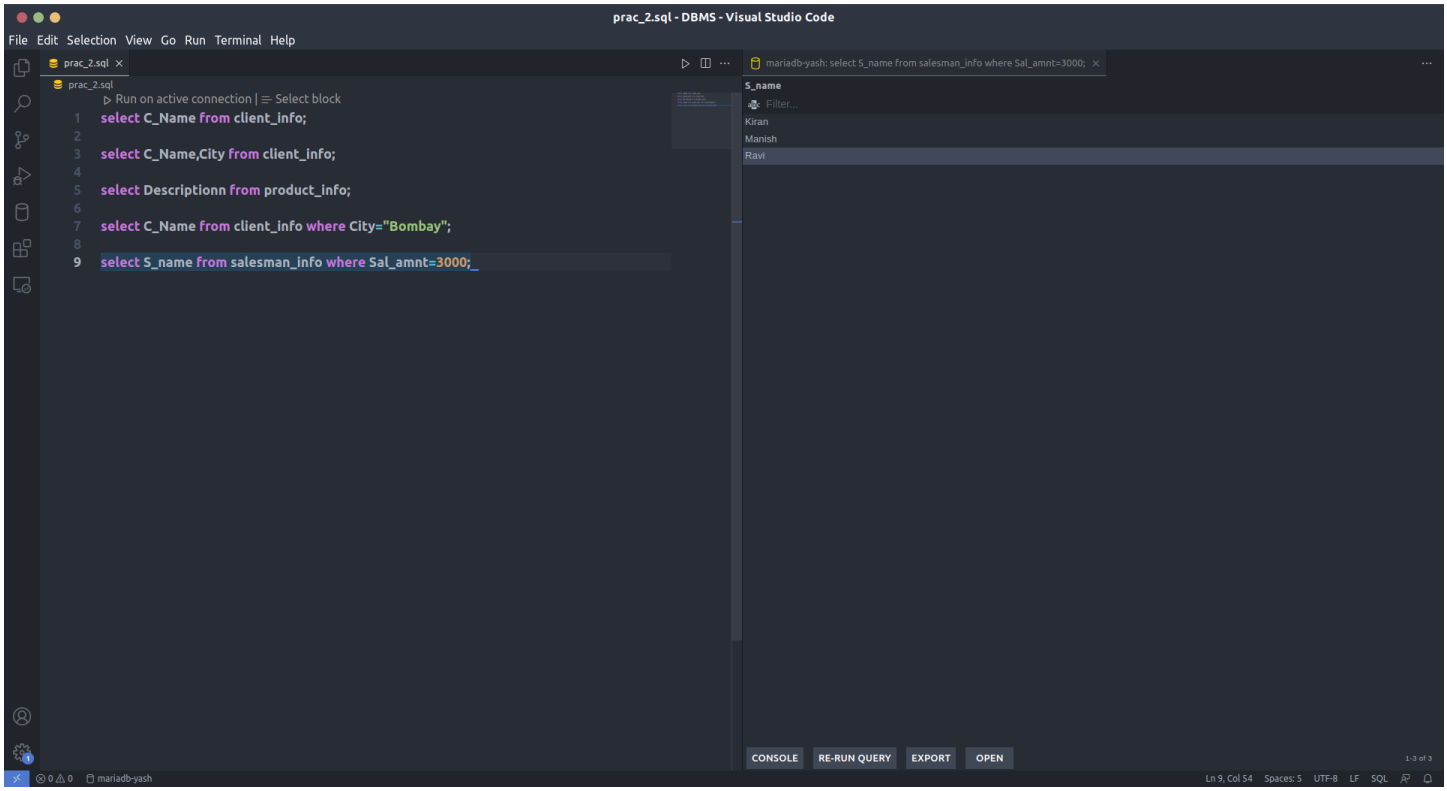
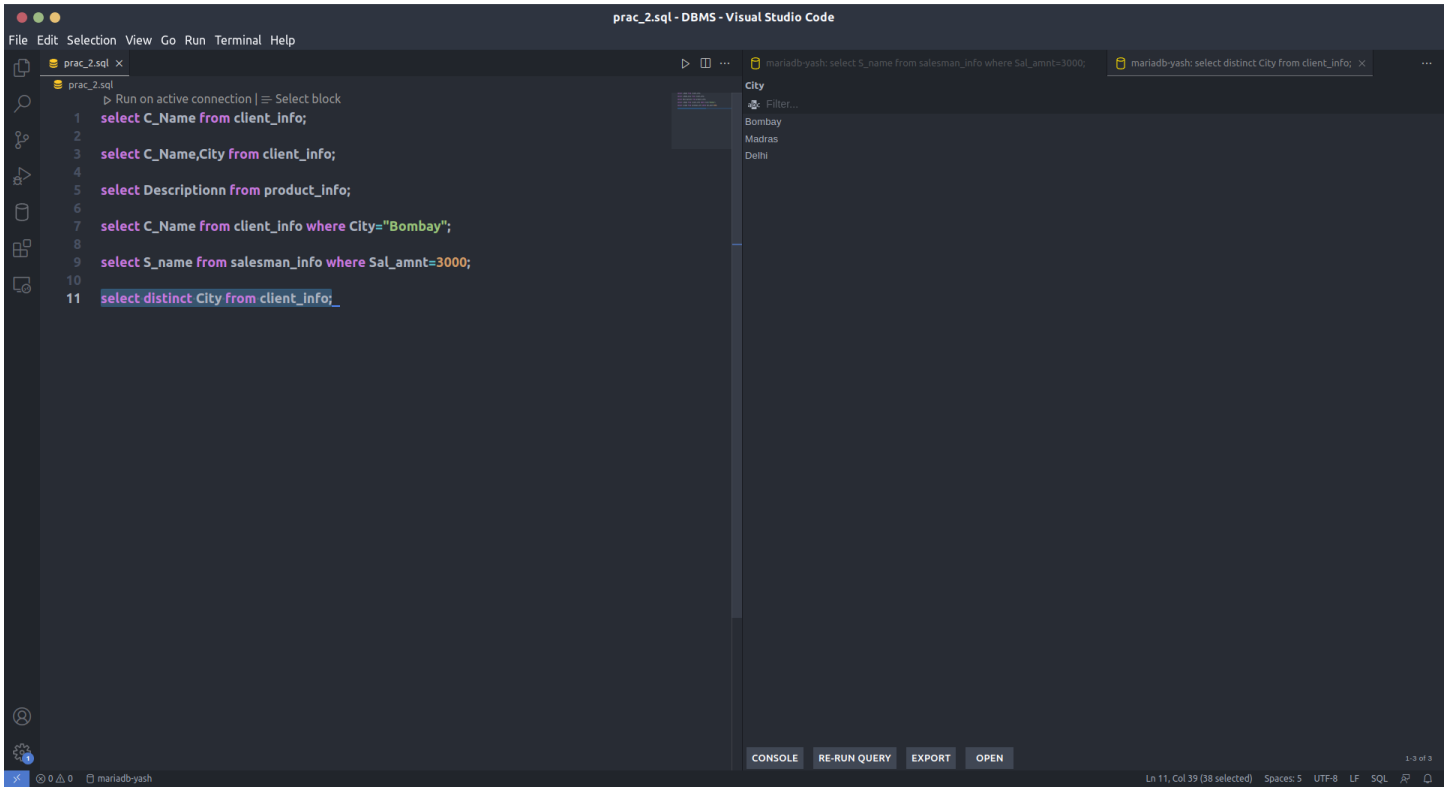
5) Find the names of the salesman who have a salary equal to Rs. 3000



6) List out only unique values for the city of client_master table



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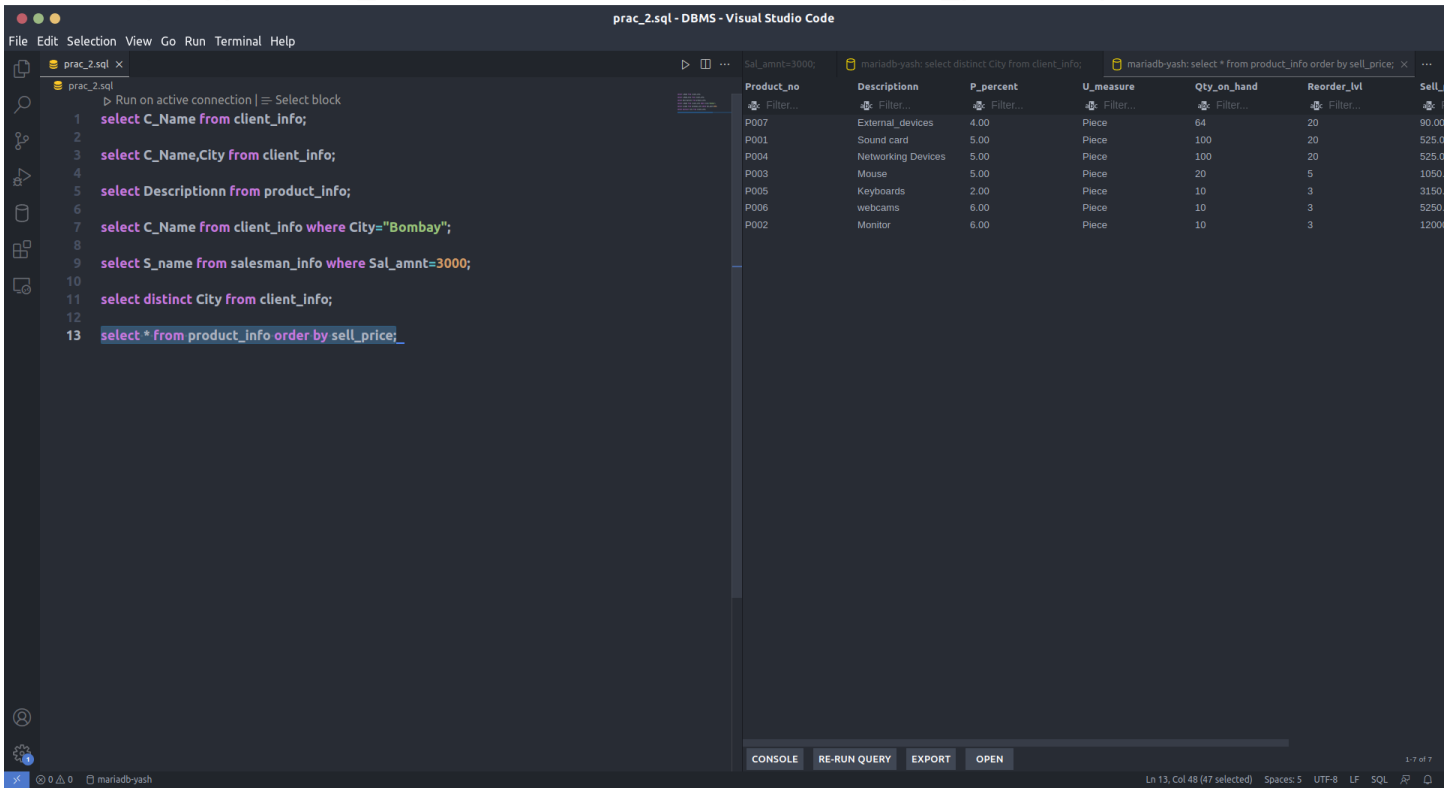
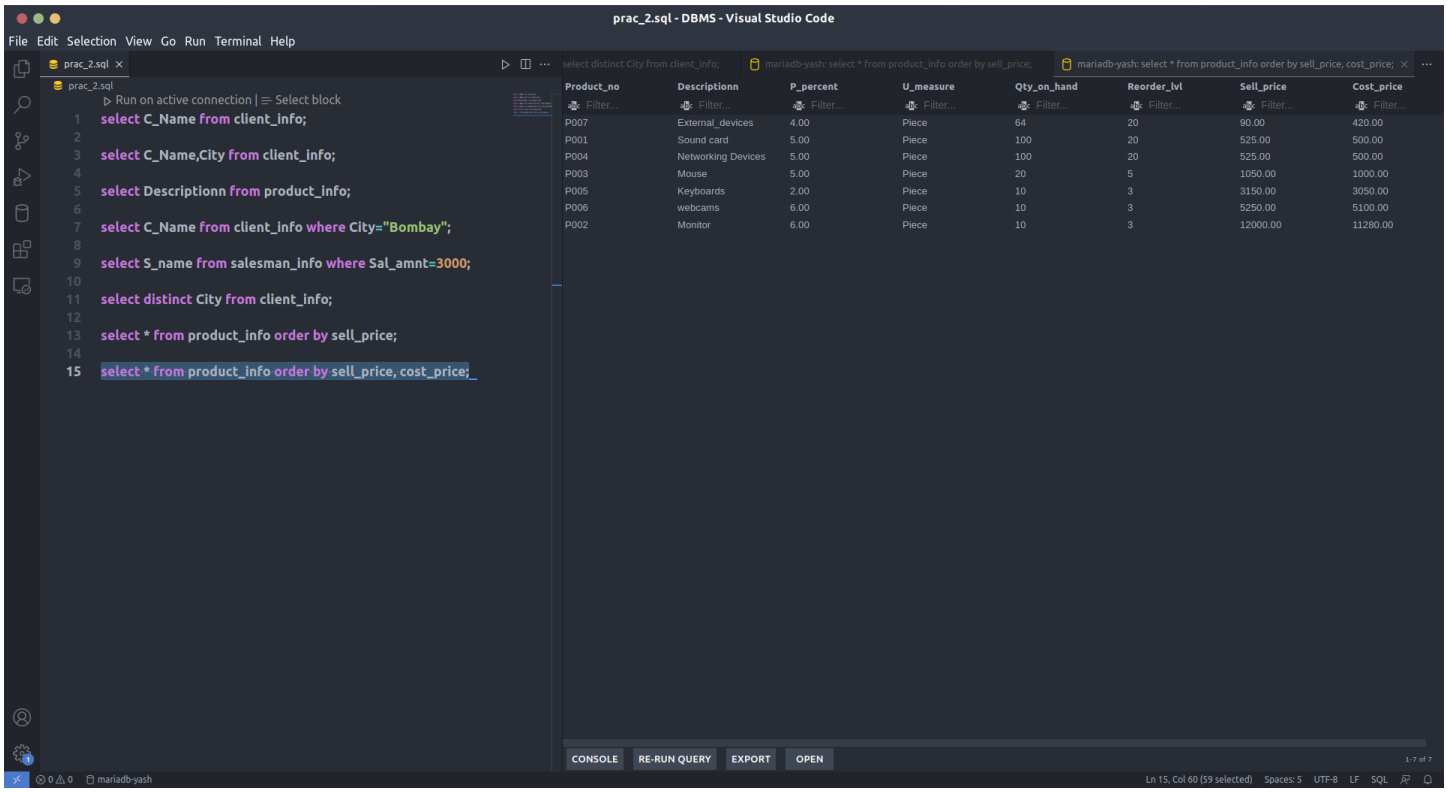
7) Display product_master table according to the sell_price of product.



8) Display product_master table according to the sell_price and cost_price.



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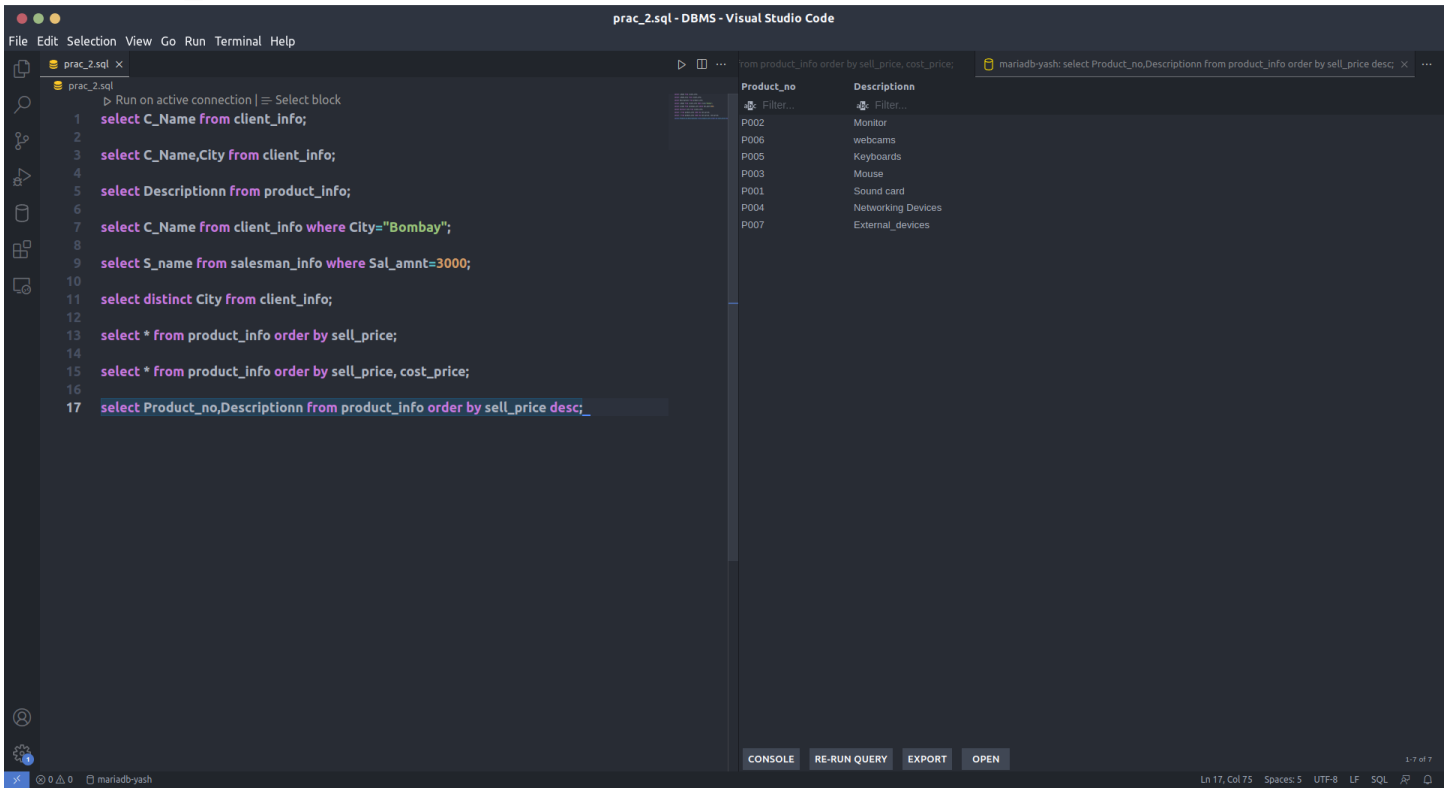
9) Display product_no, description in descending order of sell_price for product_master table.



B) Updating records in a table.

1) Change the city of client_no’C002’ to ‘Bombay’.

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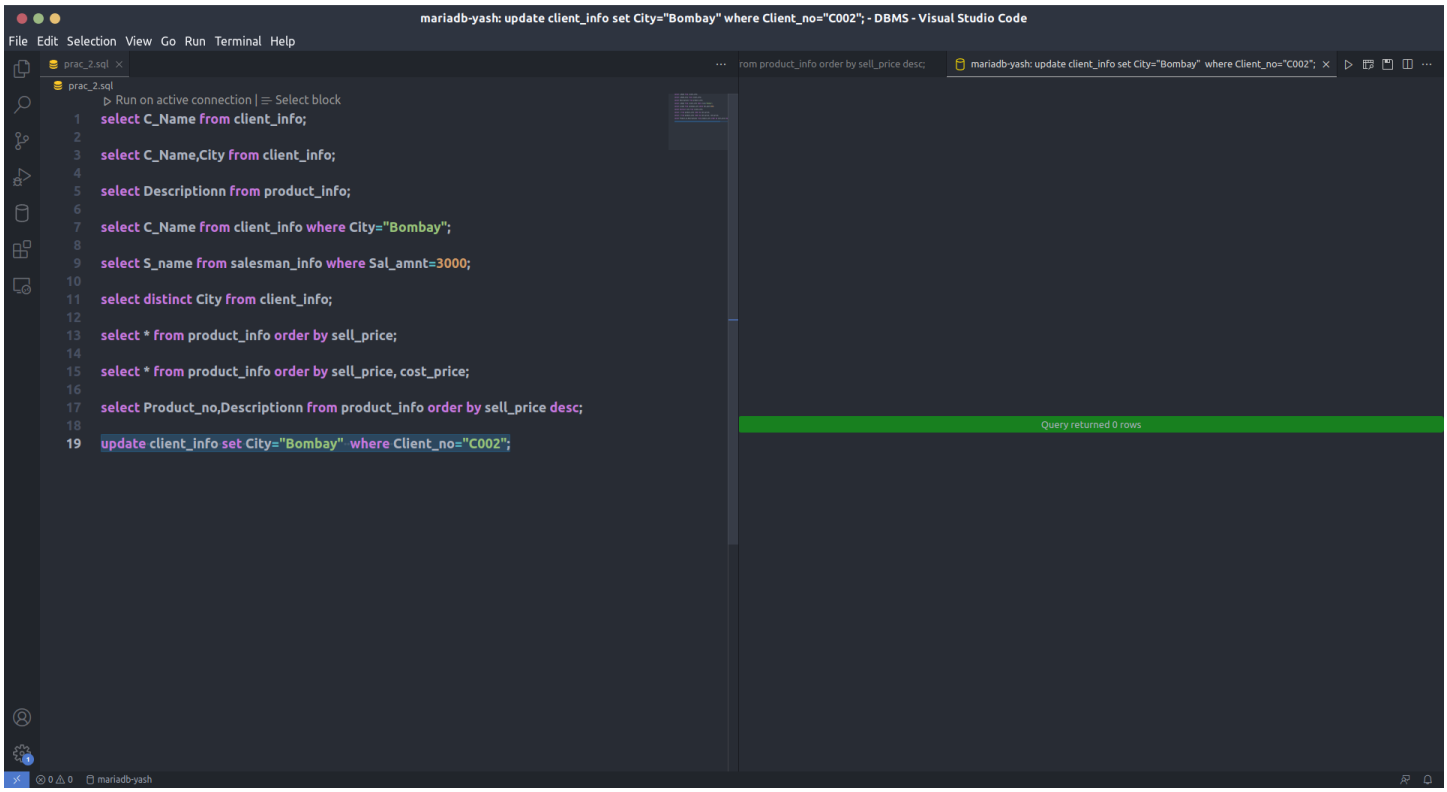

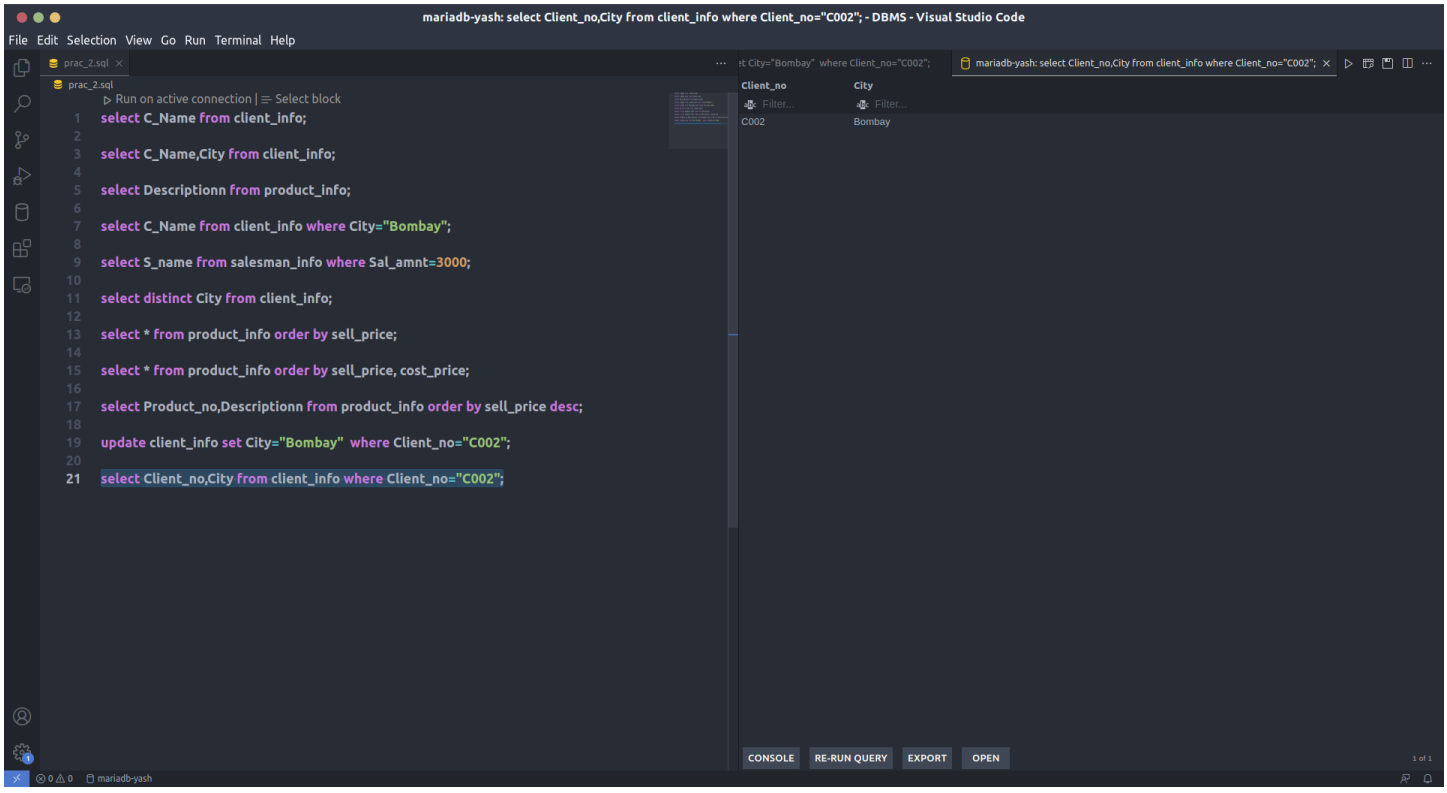

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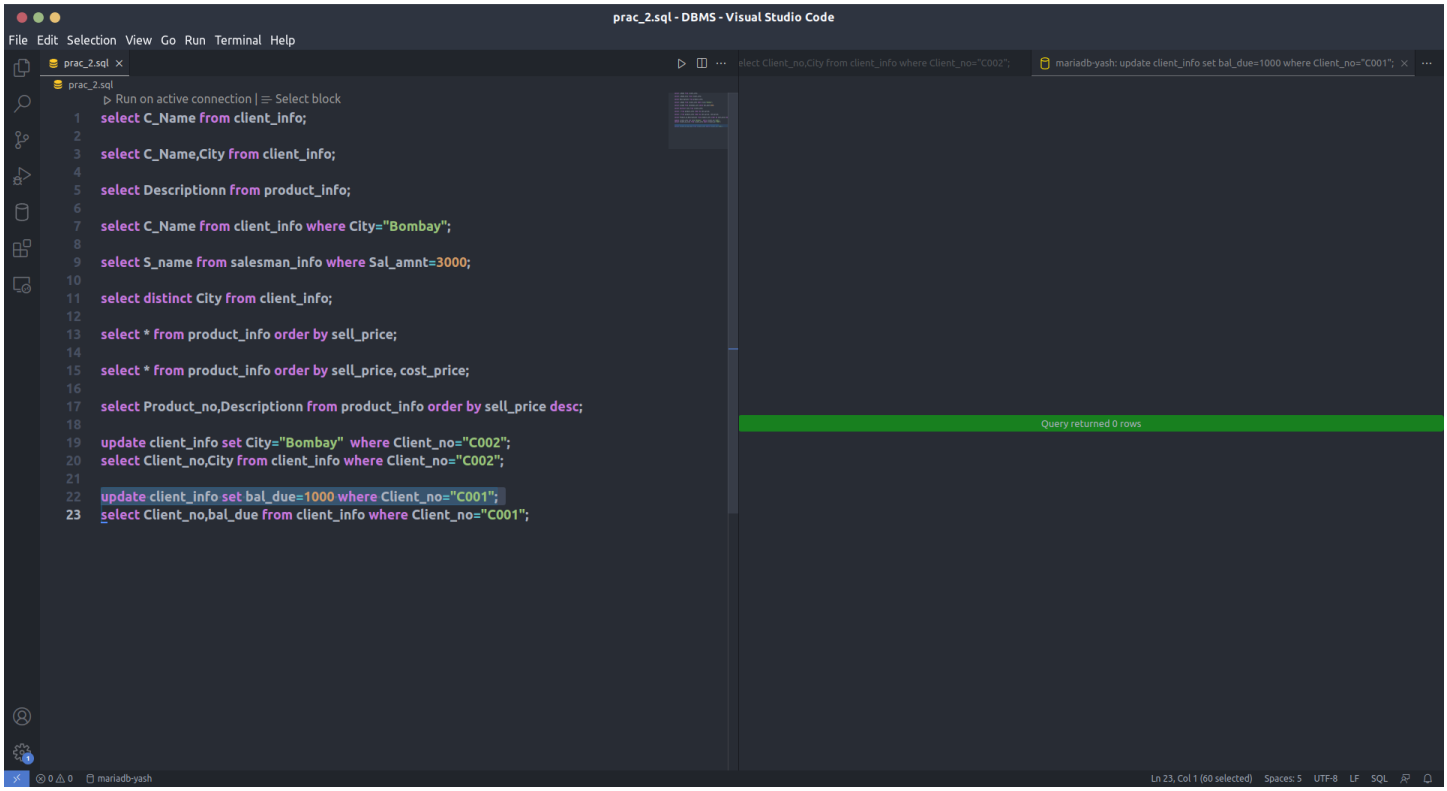
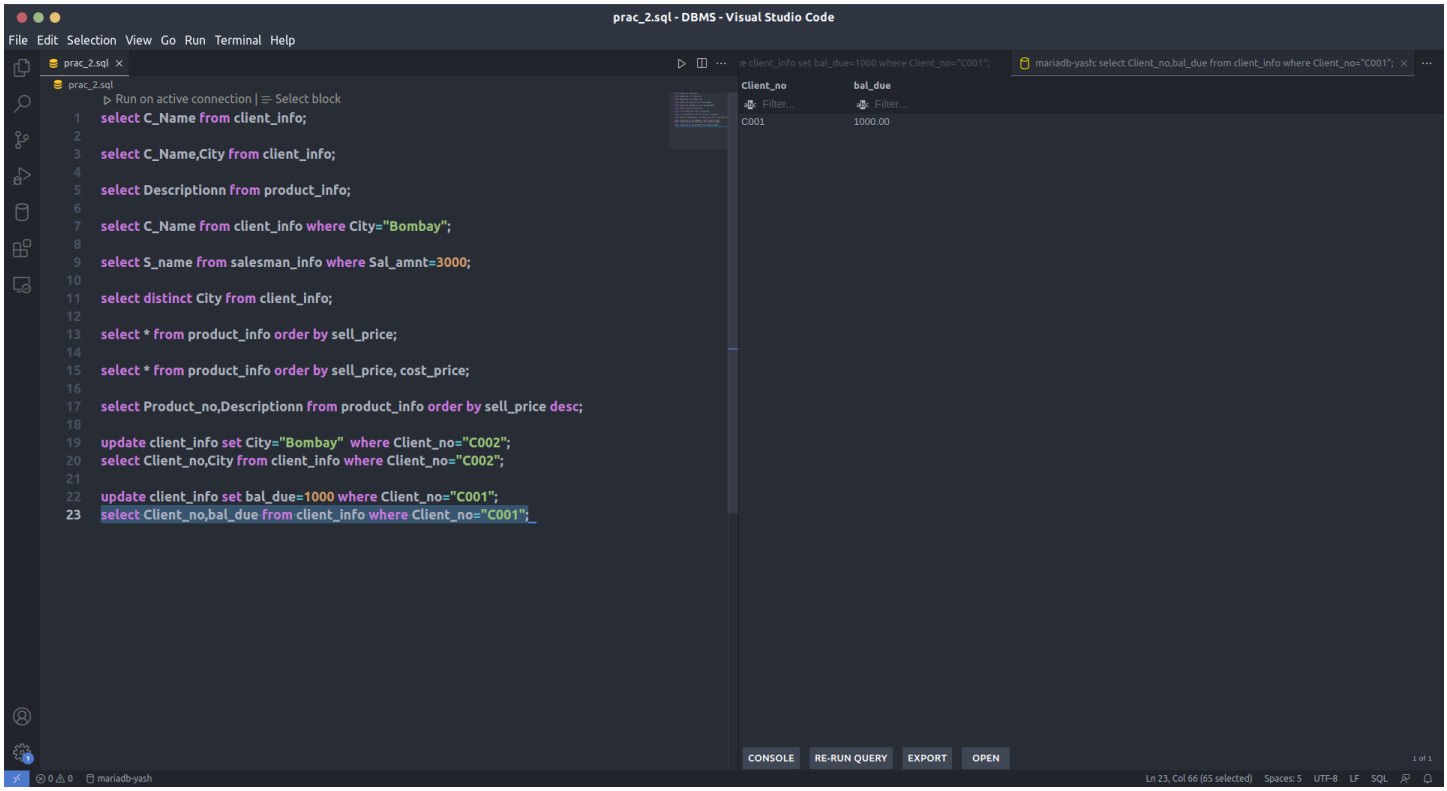
2) Change the bal_due of client_no’C001’ to Rs.1000





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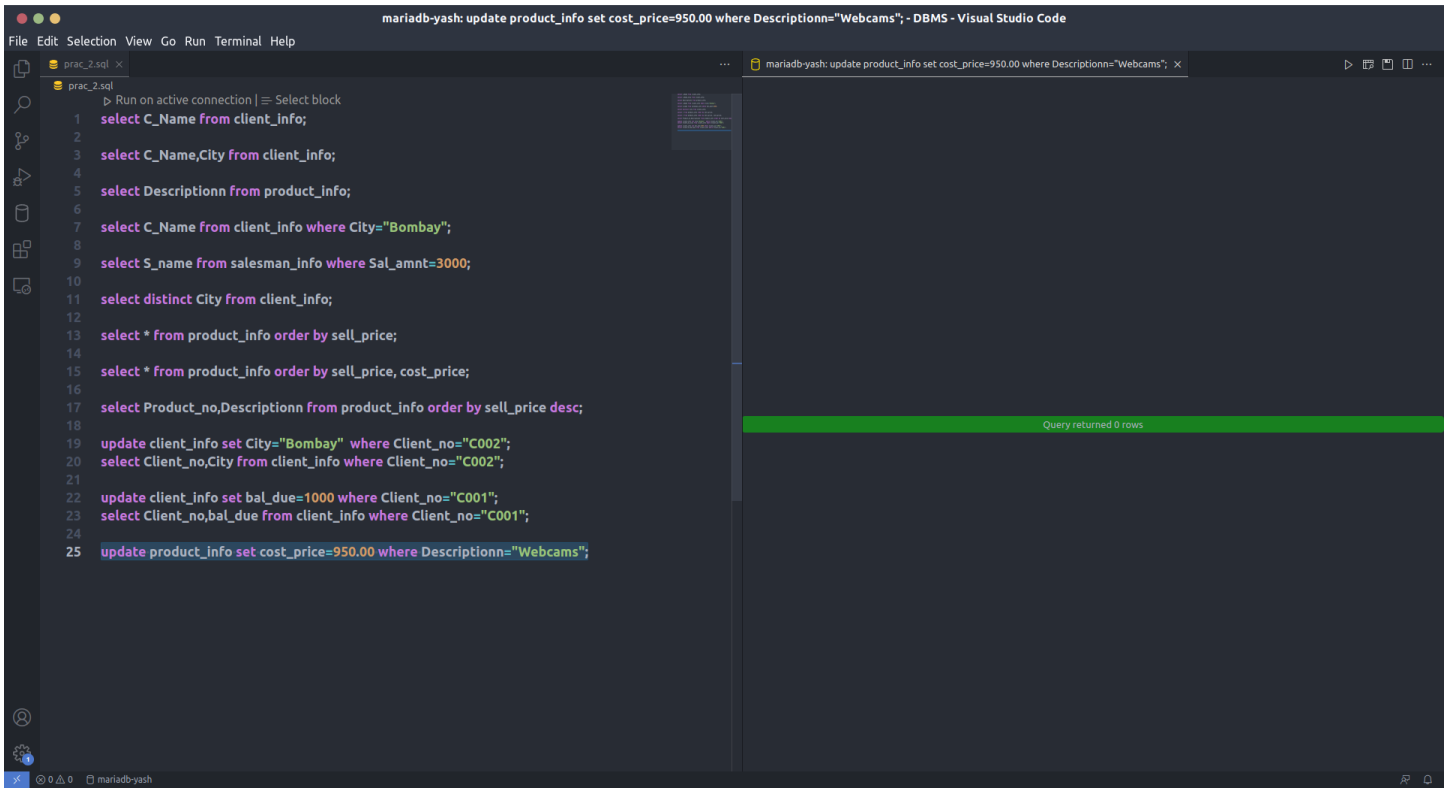
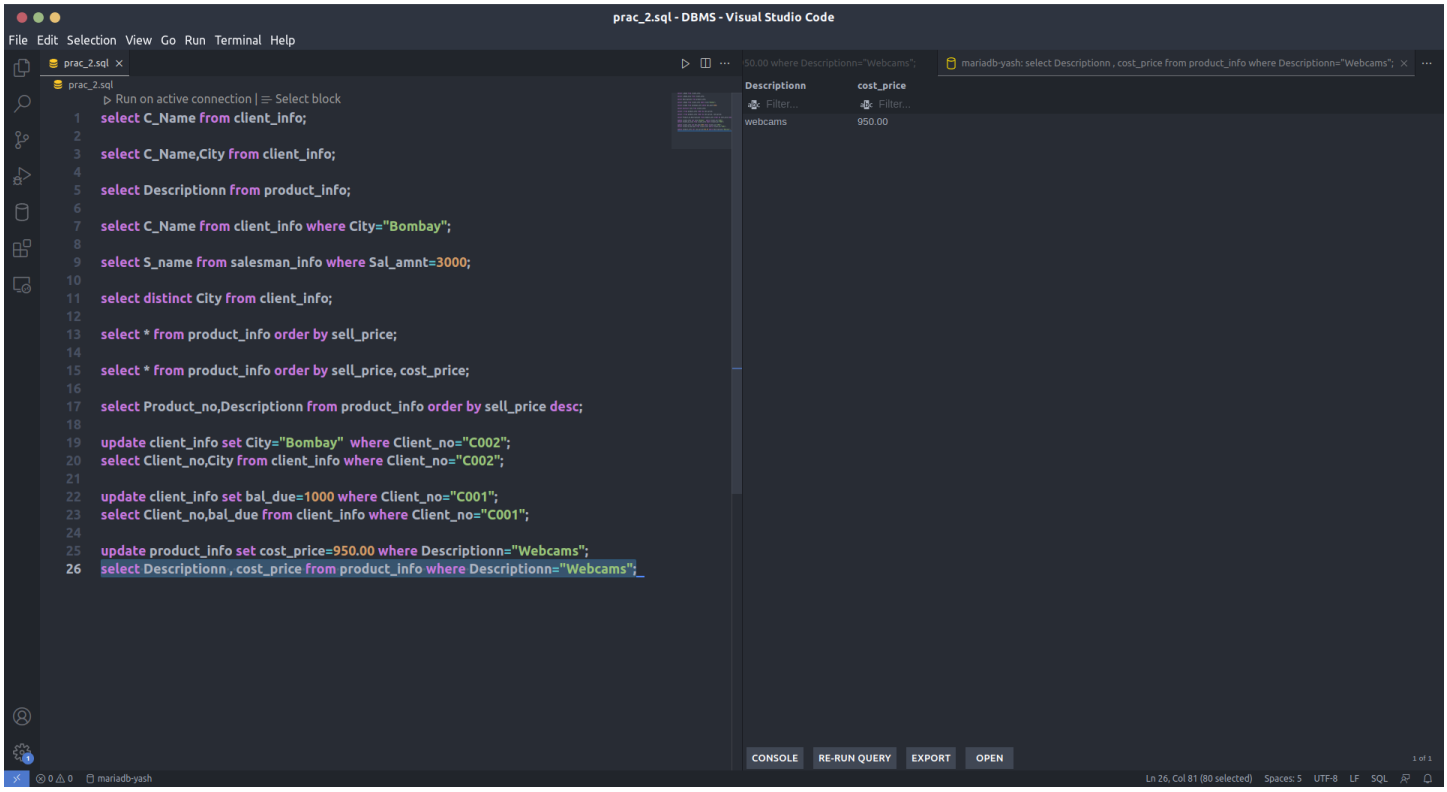
3) Change the cost price of Floppies to Rs. 950.00





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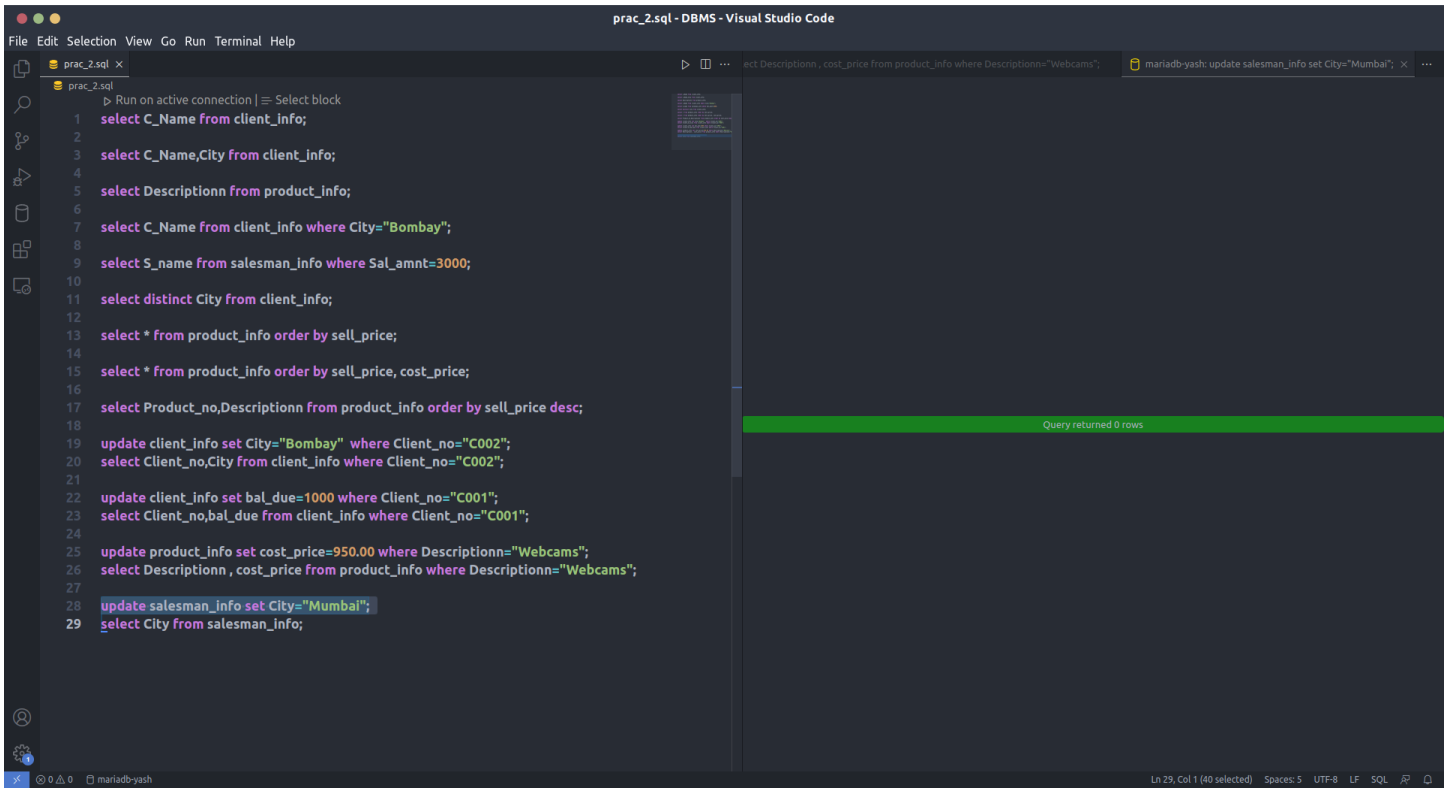
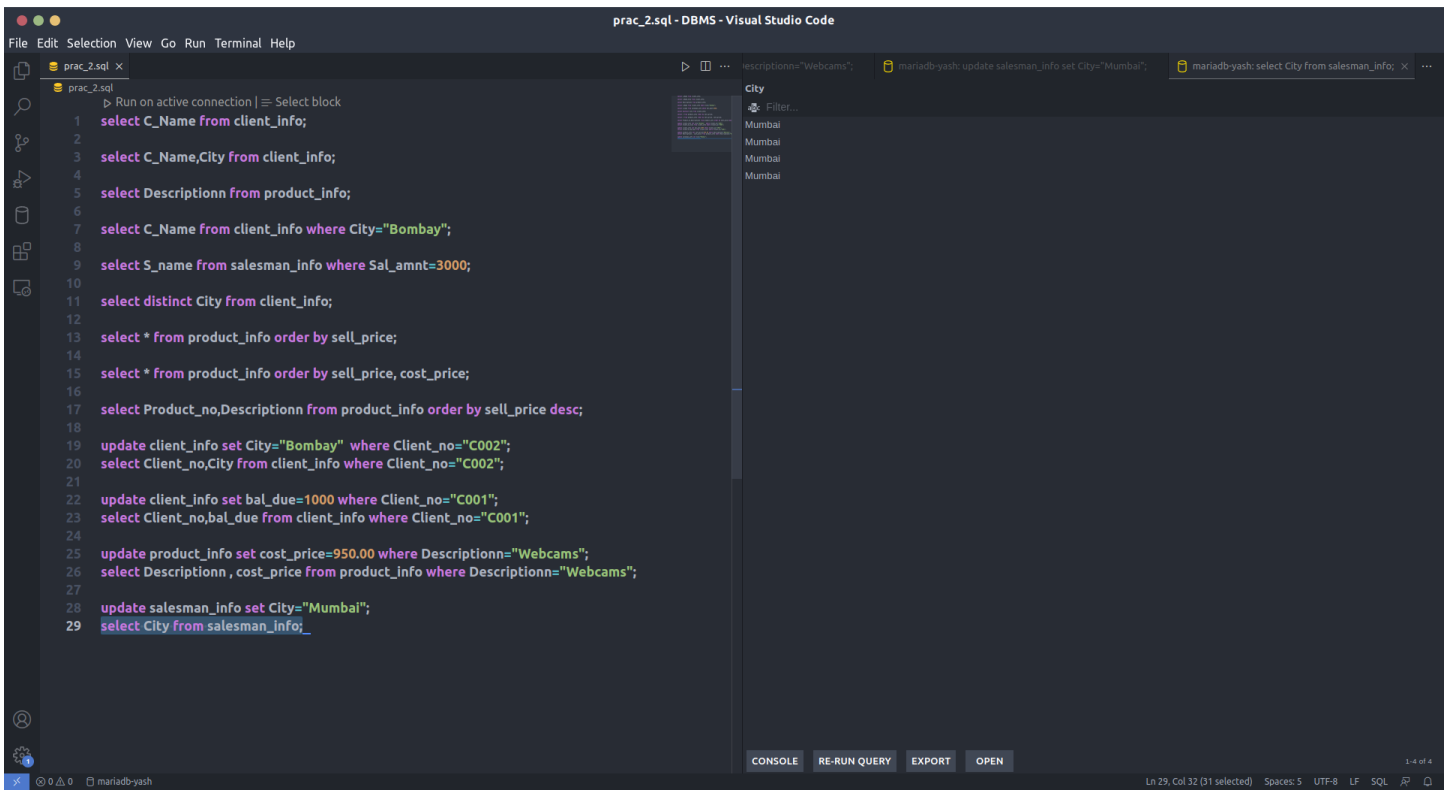
4) Change the city of the salesman to Mumbai.





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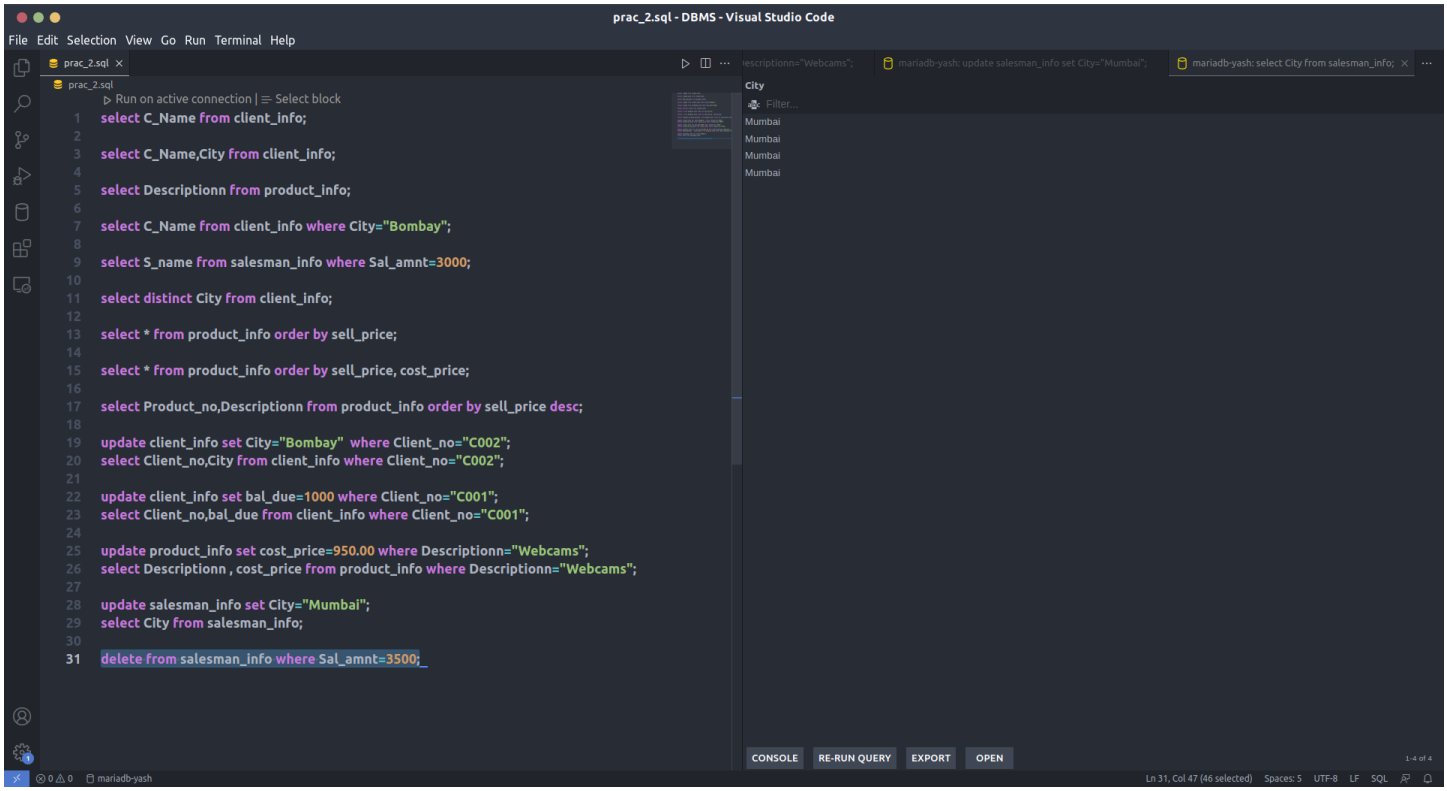
C) Deleting records in a table:

1) Delete all salesman from the salesmane_master whose salaries are equal to Rs. 3500.



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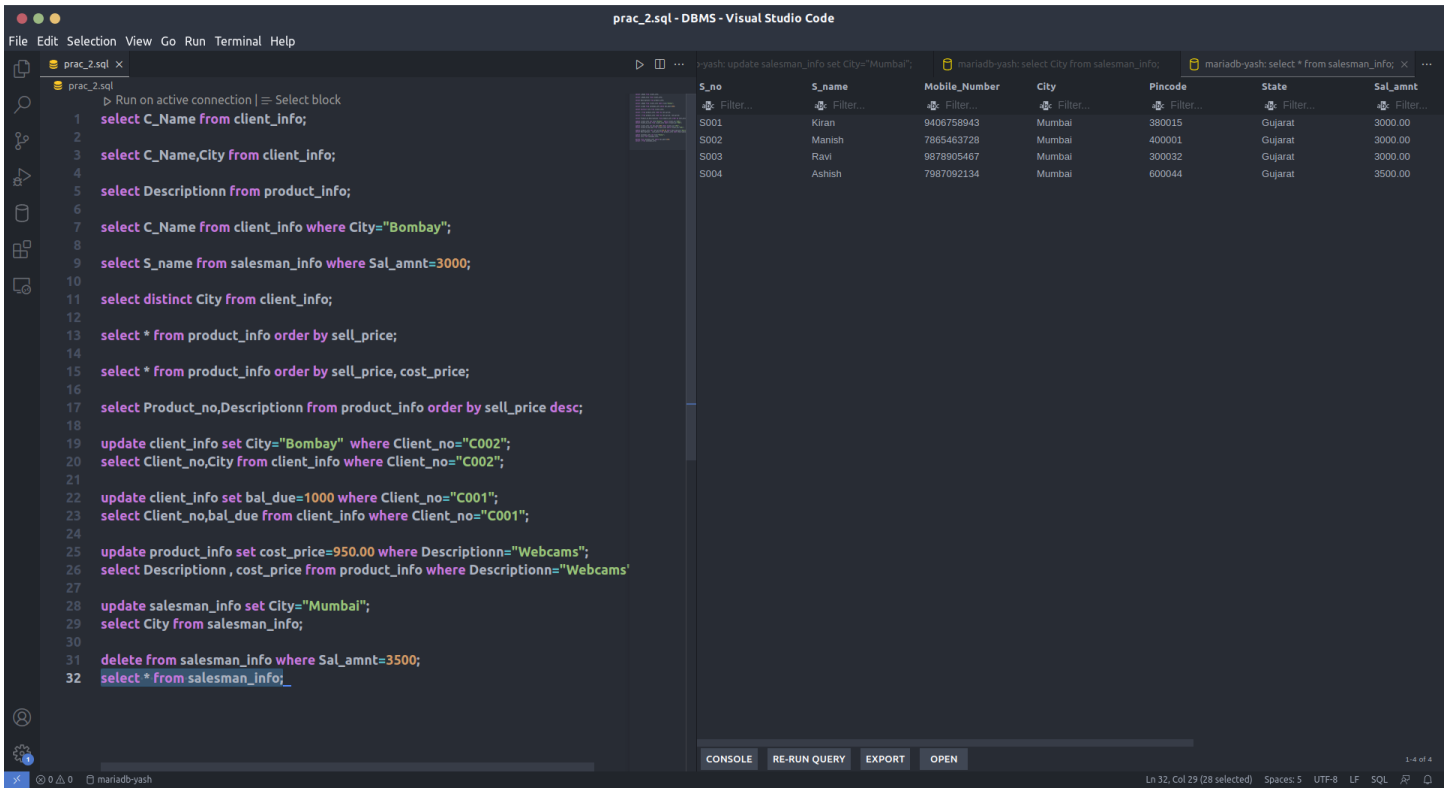
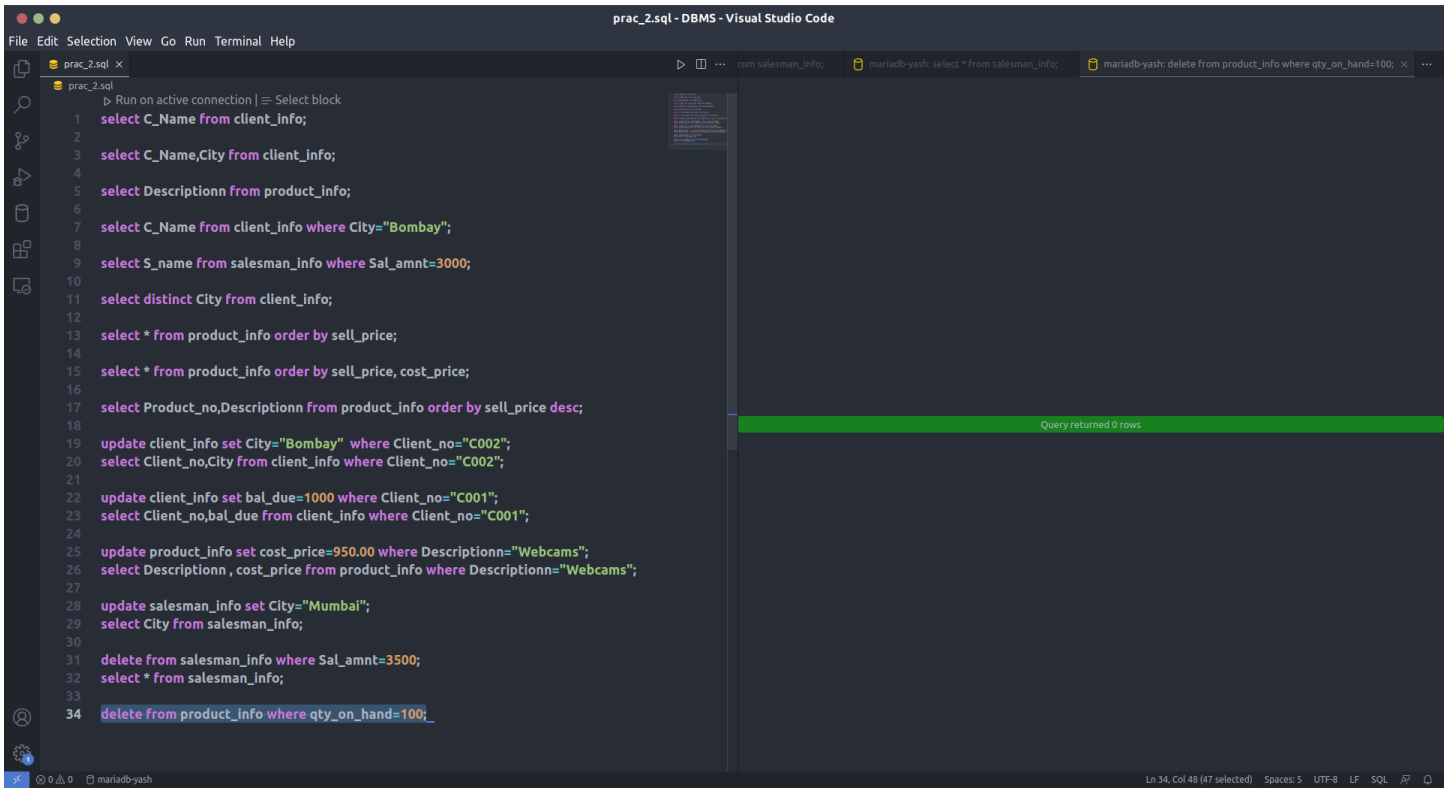


2) Delete all products from product_master where the quantity on hand is equal to 100.



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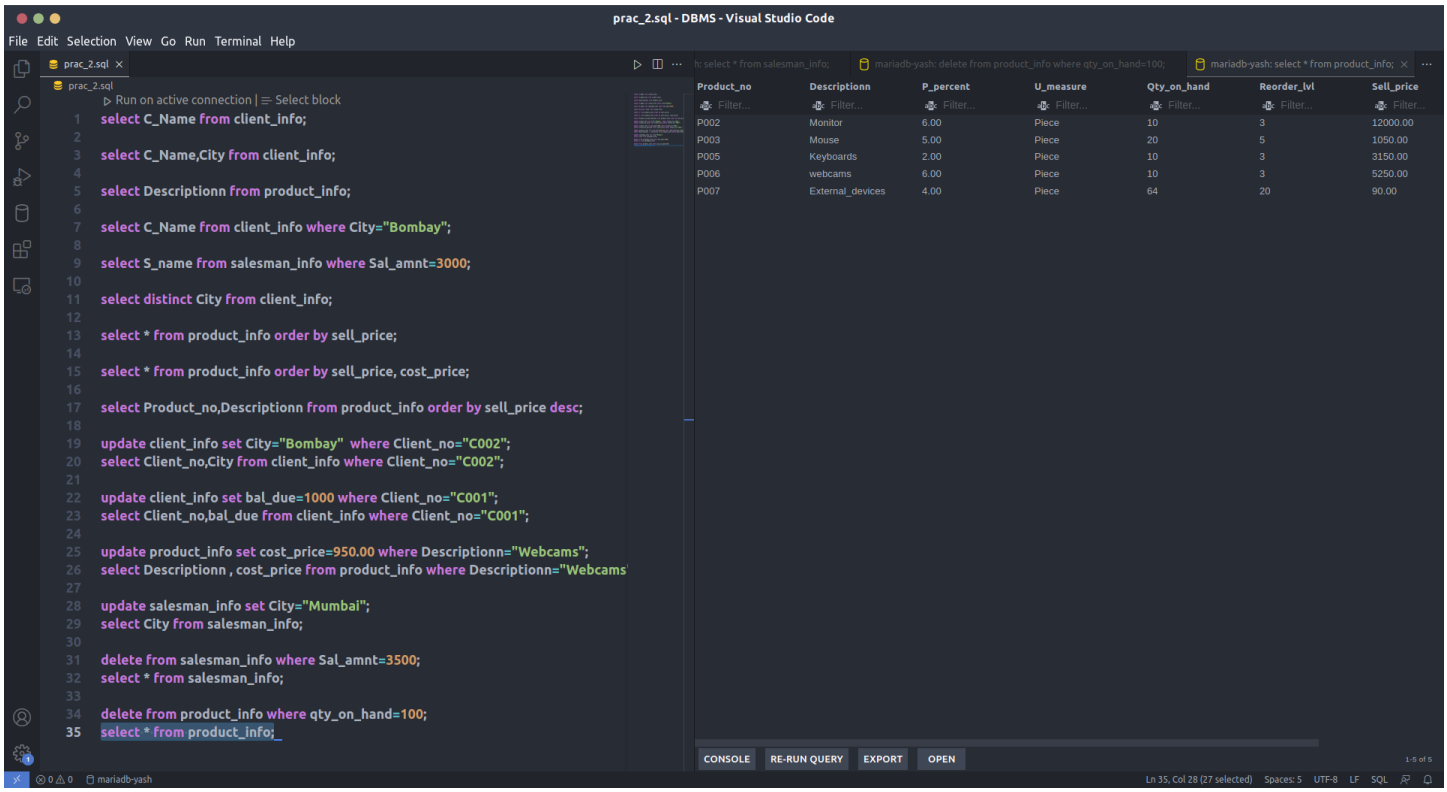
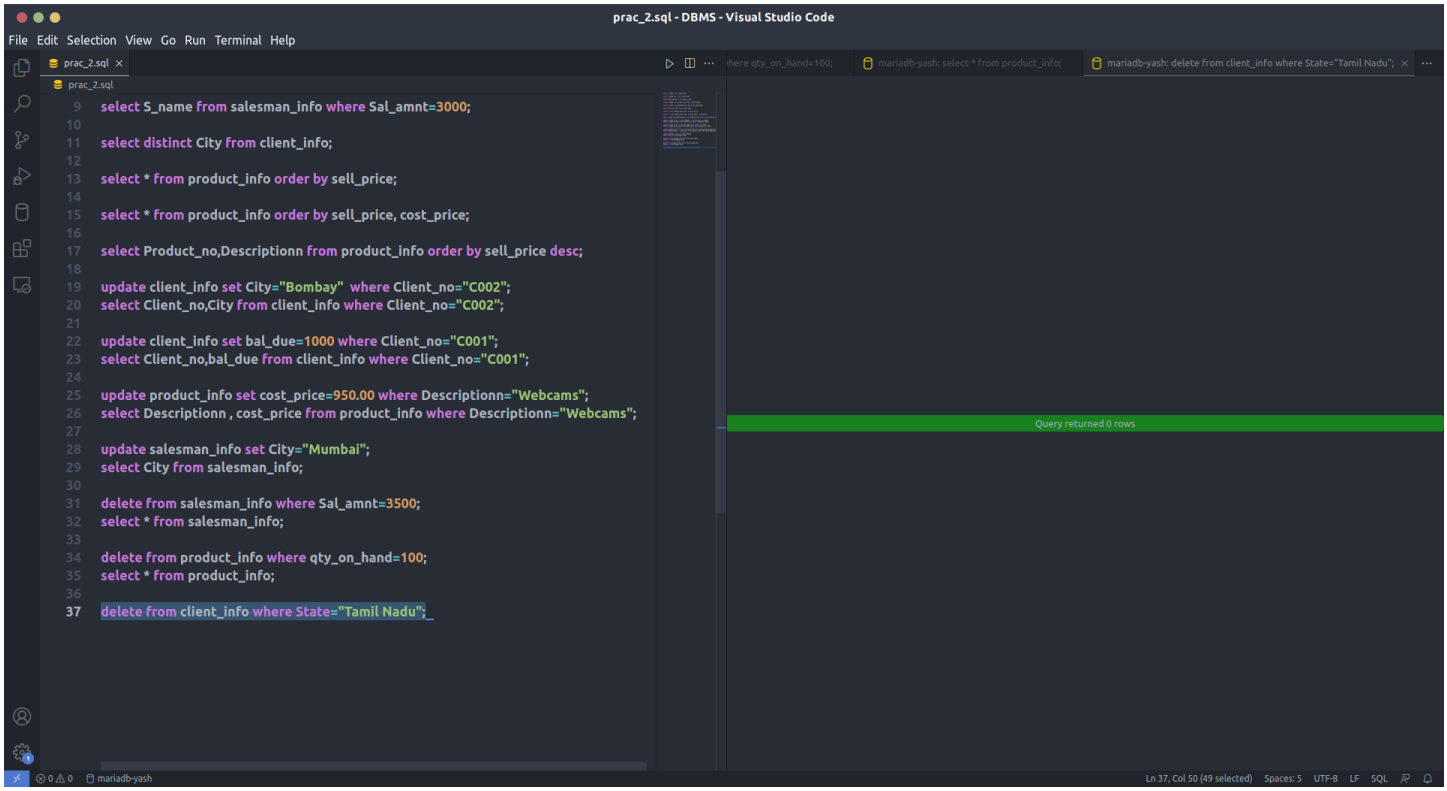


3) Delete from client_master where the column state holds the value ‘Tamil Nadu’.



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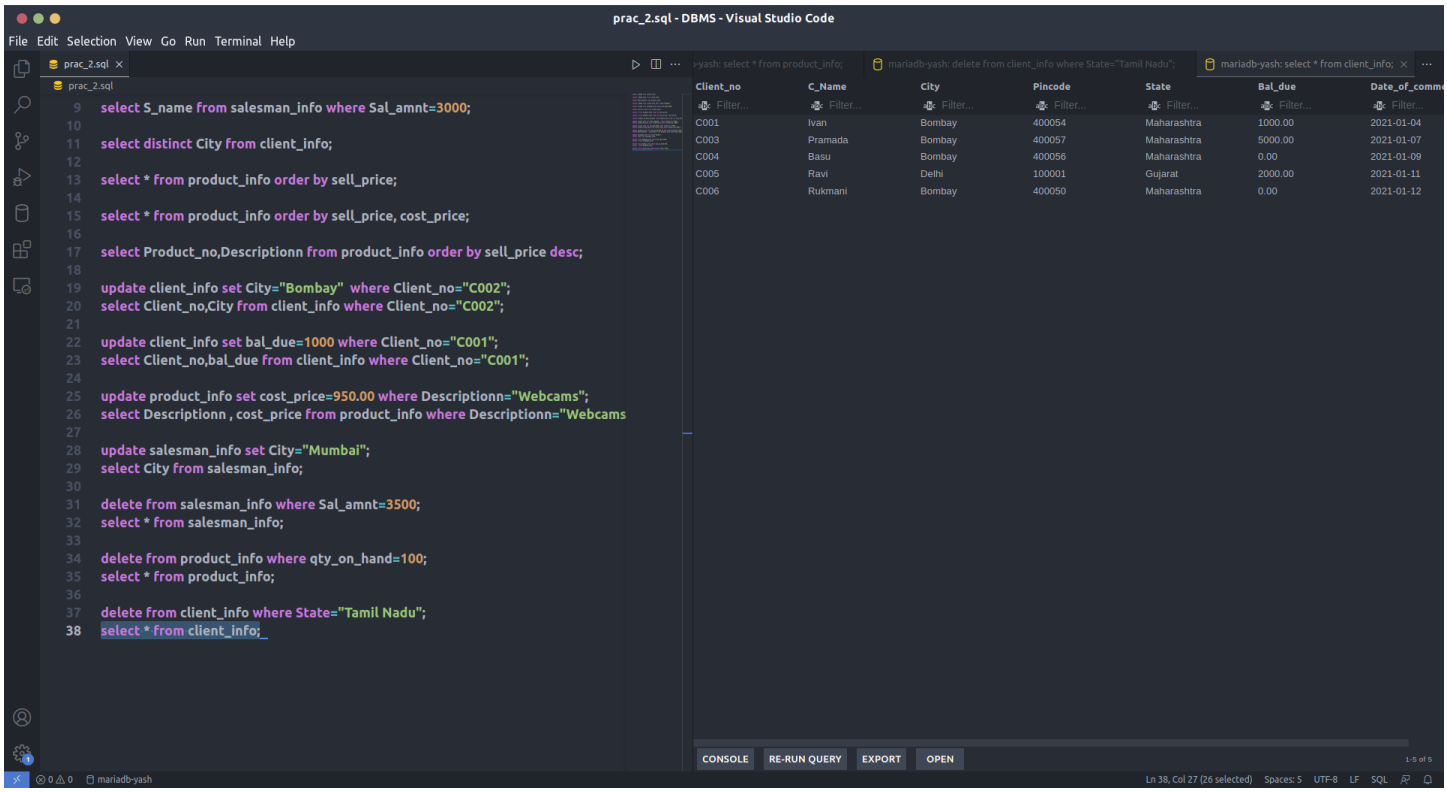

E) Altering the table structure:

1) Add a column called ‘telephone’ of datatype ‘number’ and size=10 to the client_master table.

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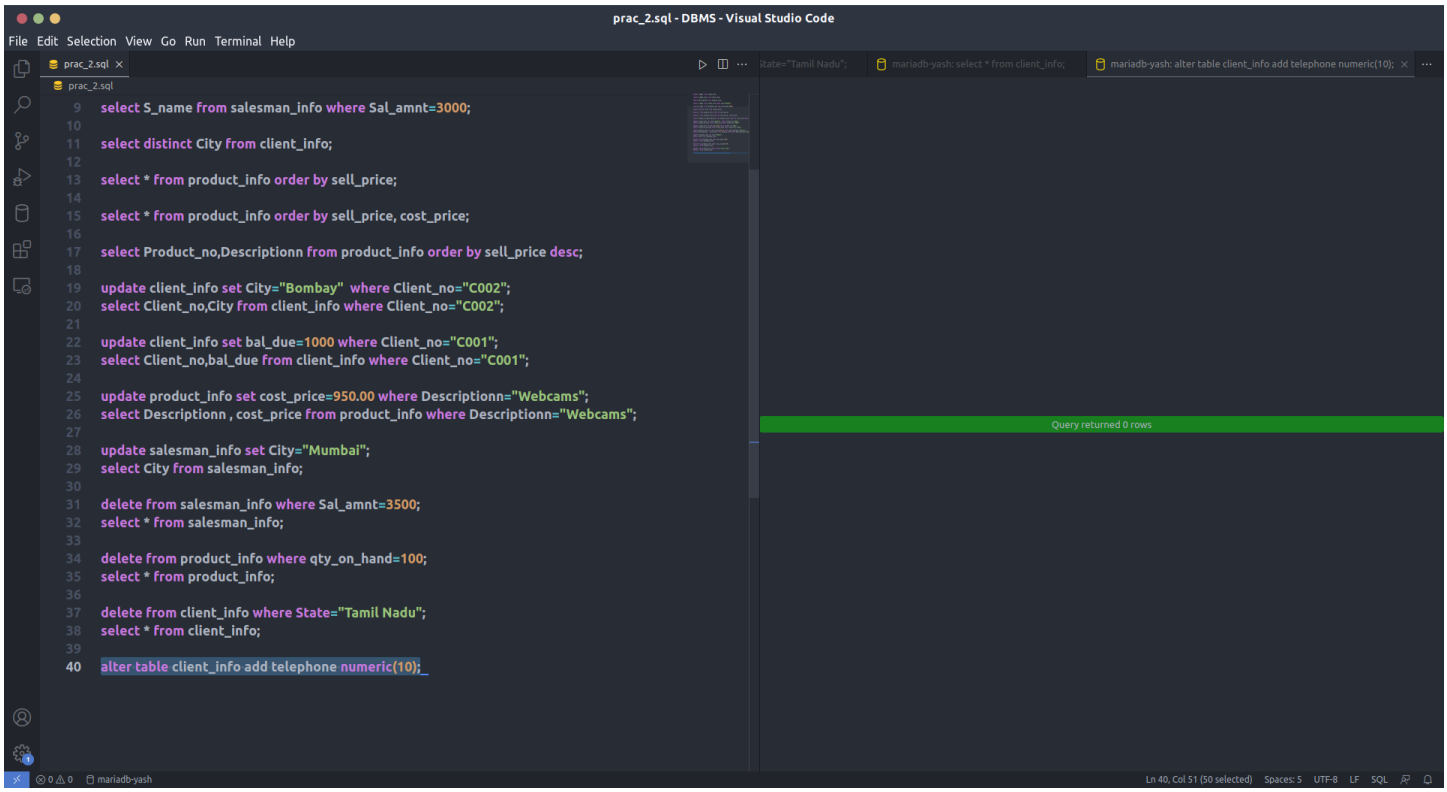

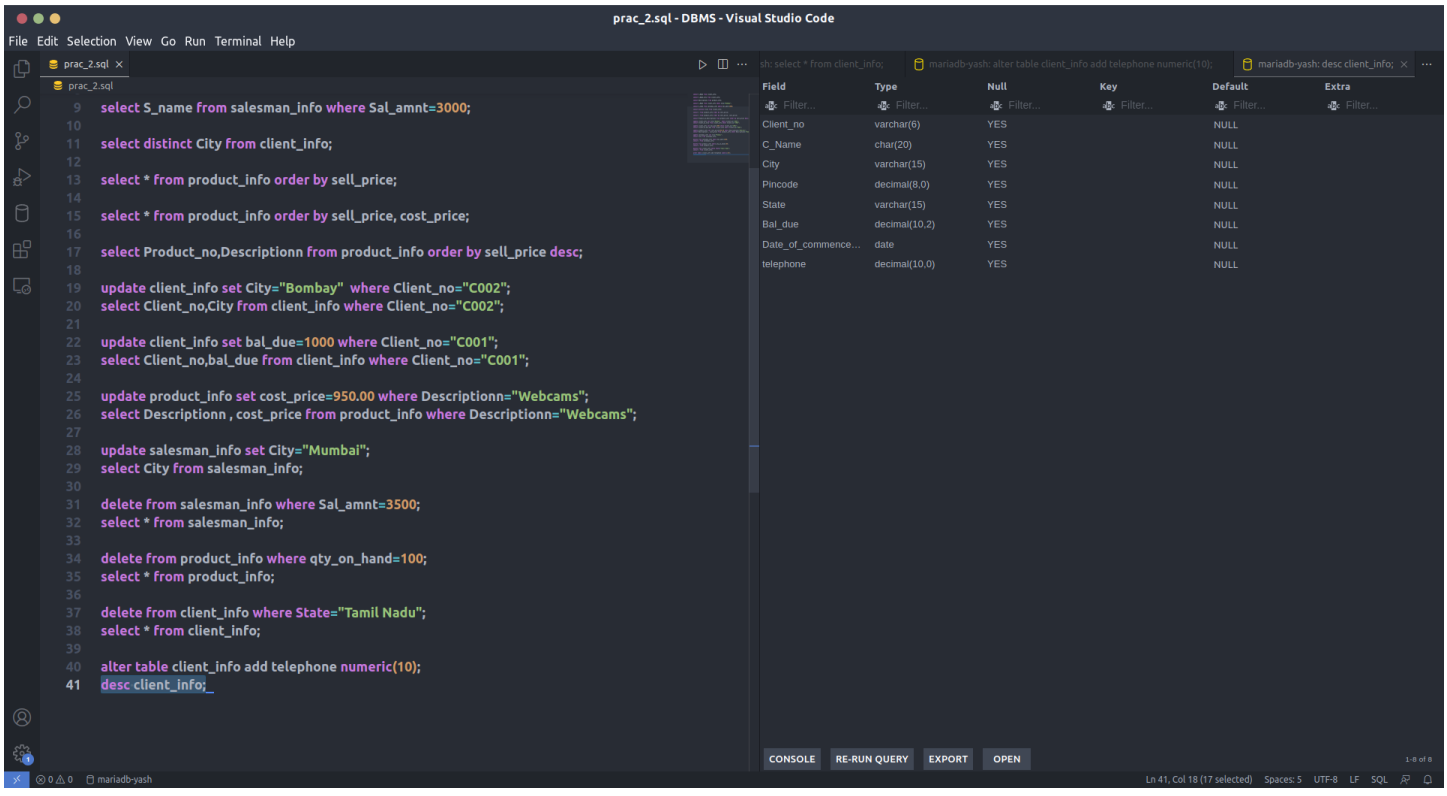

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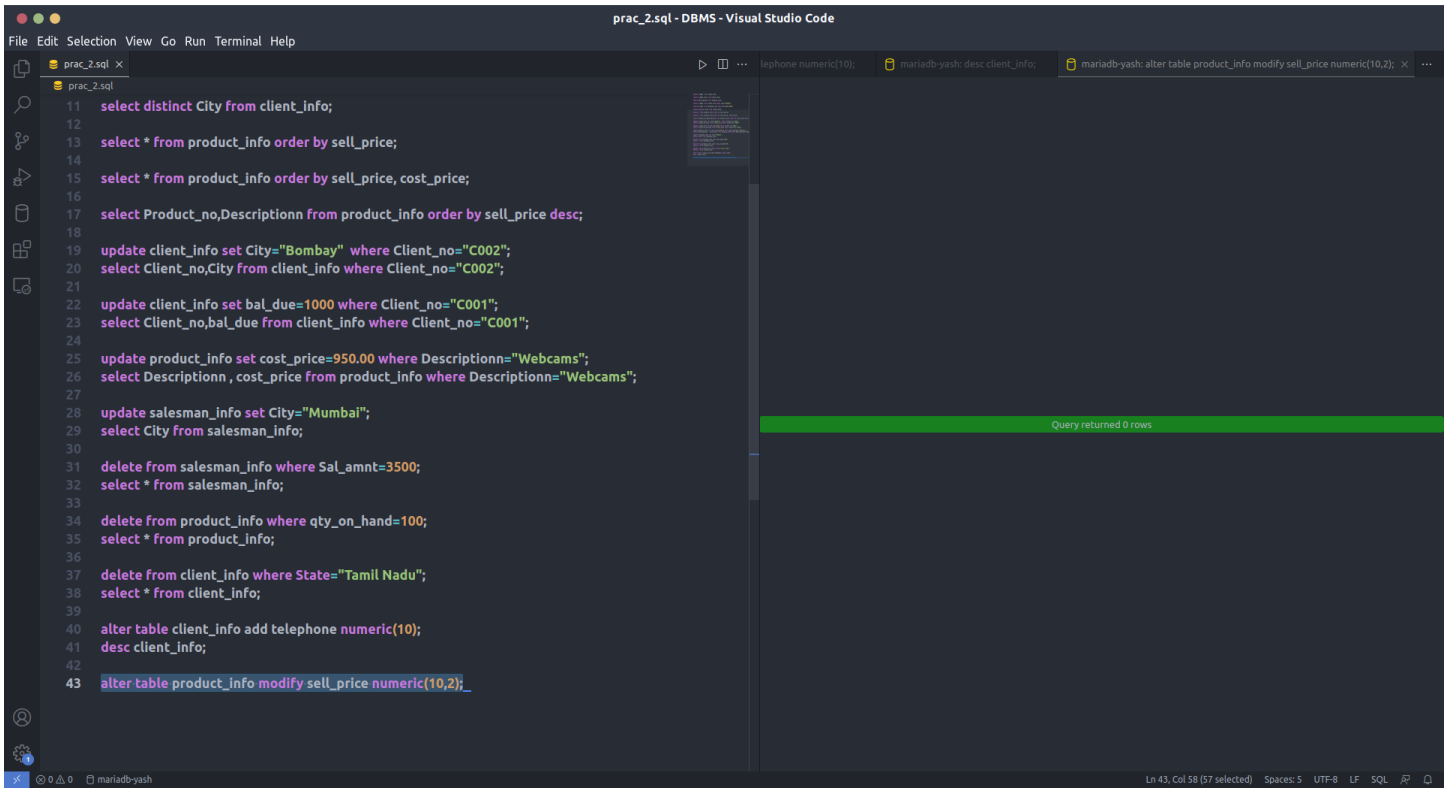
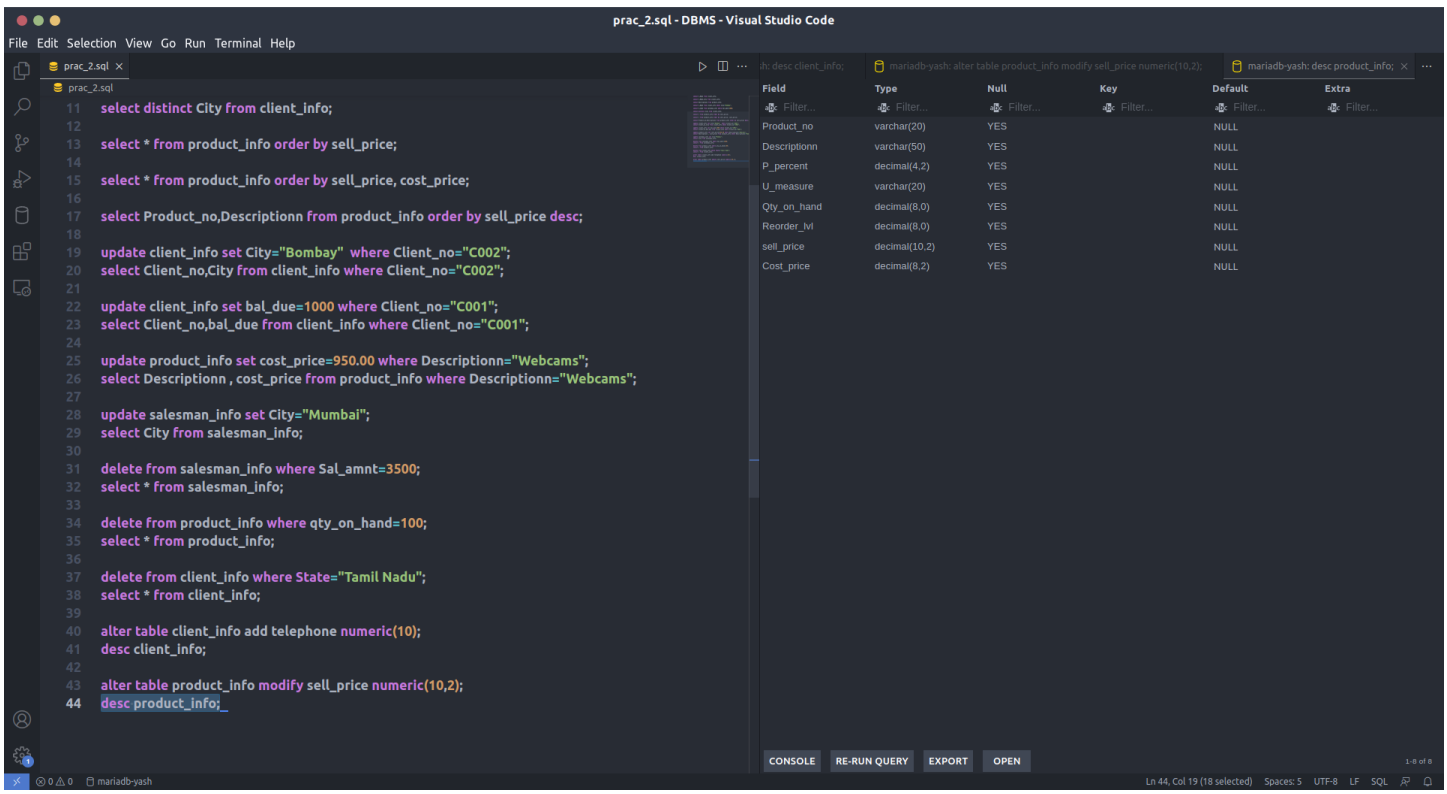
2) Change the size of sell_price column in product_master to 10,2.





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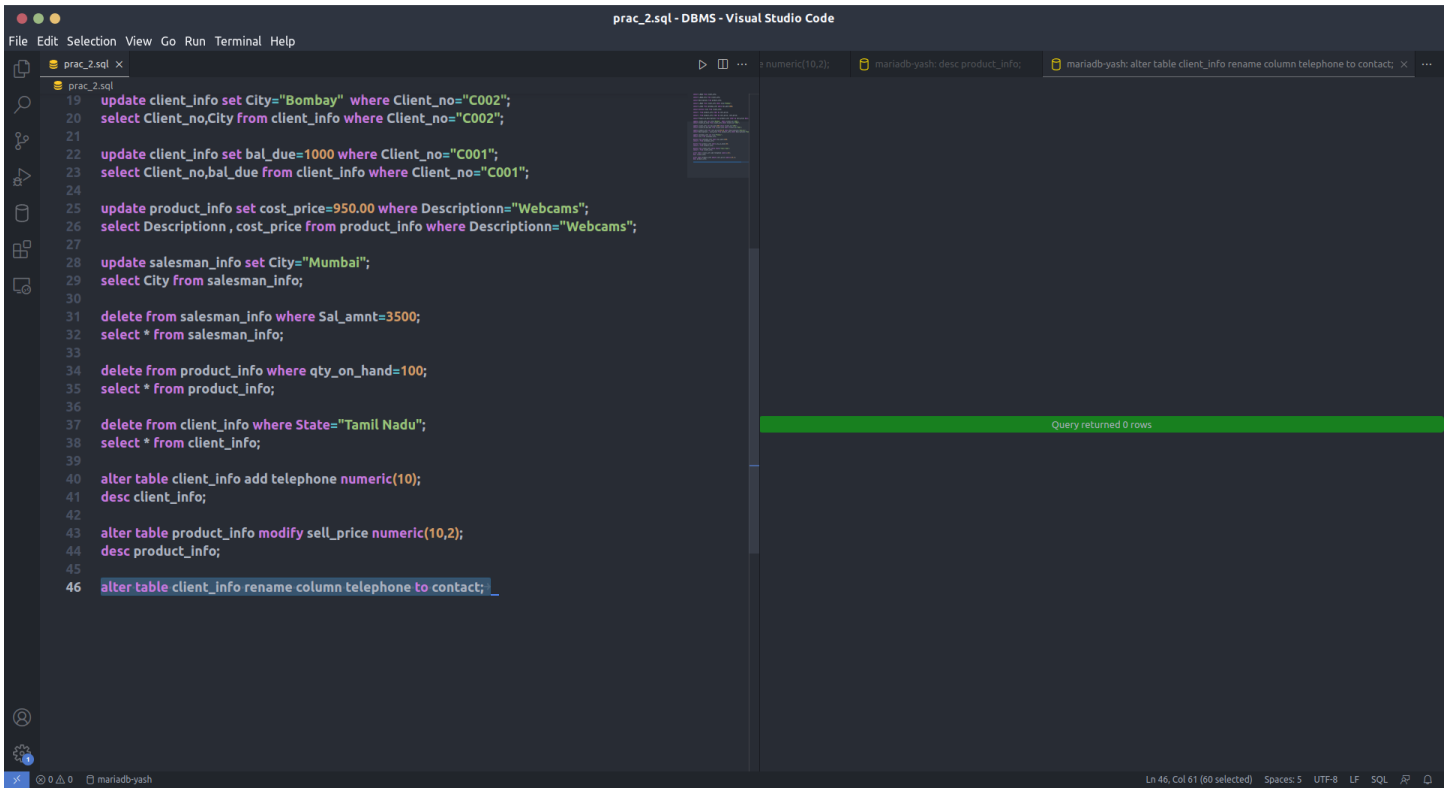
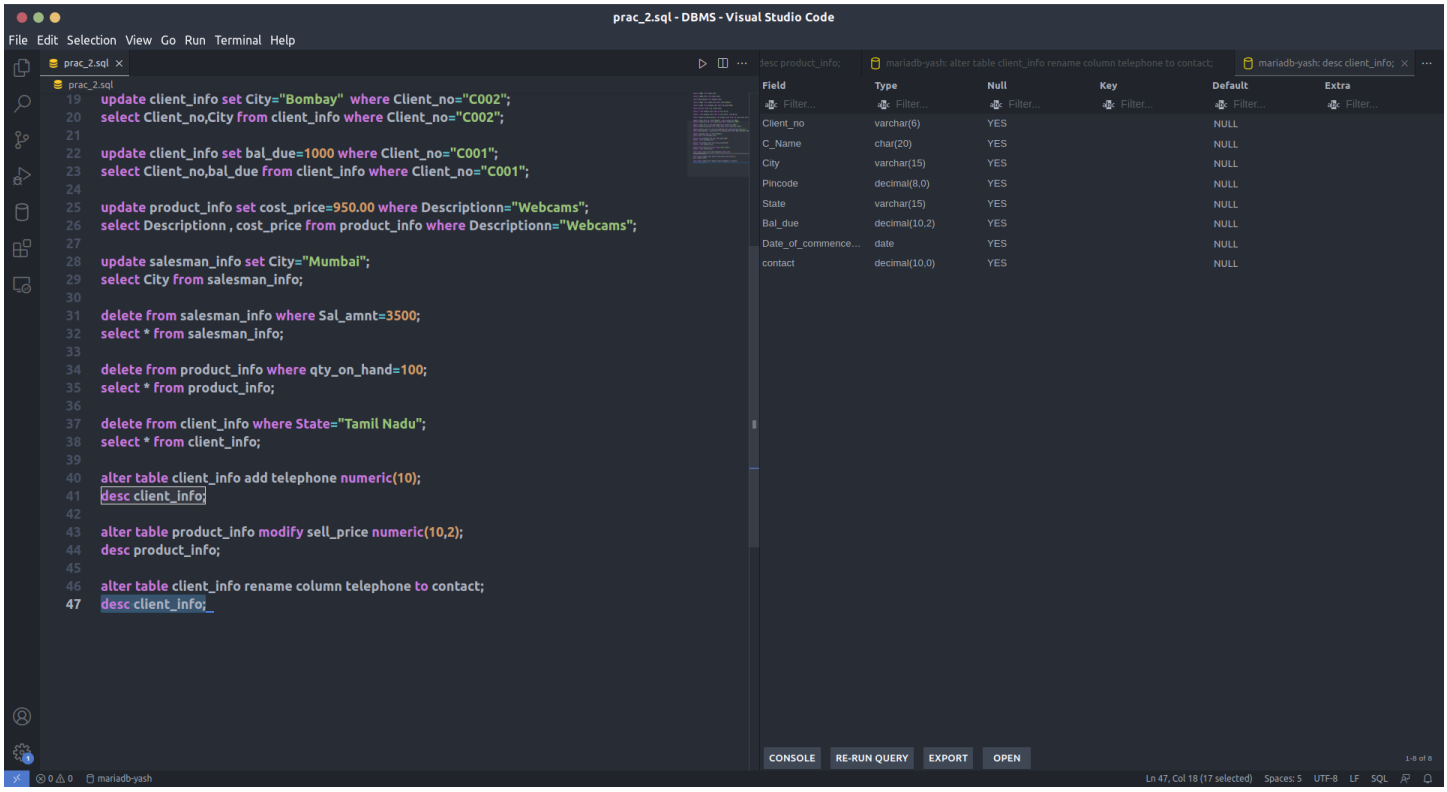
3) Rename column telephone to new name as contact for client_master table.





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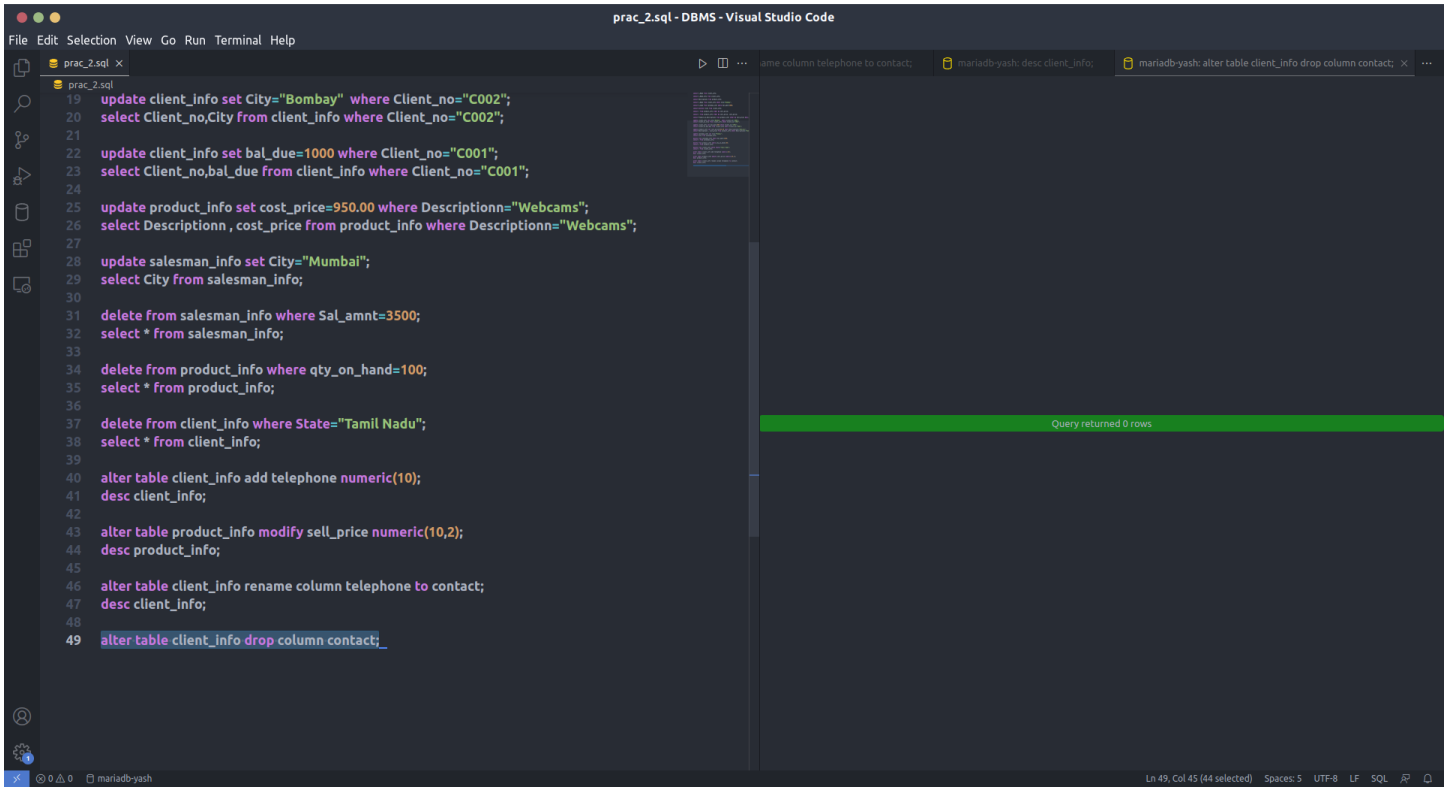
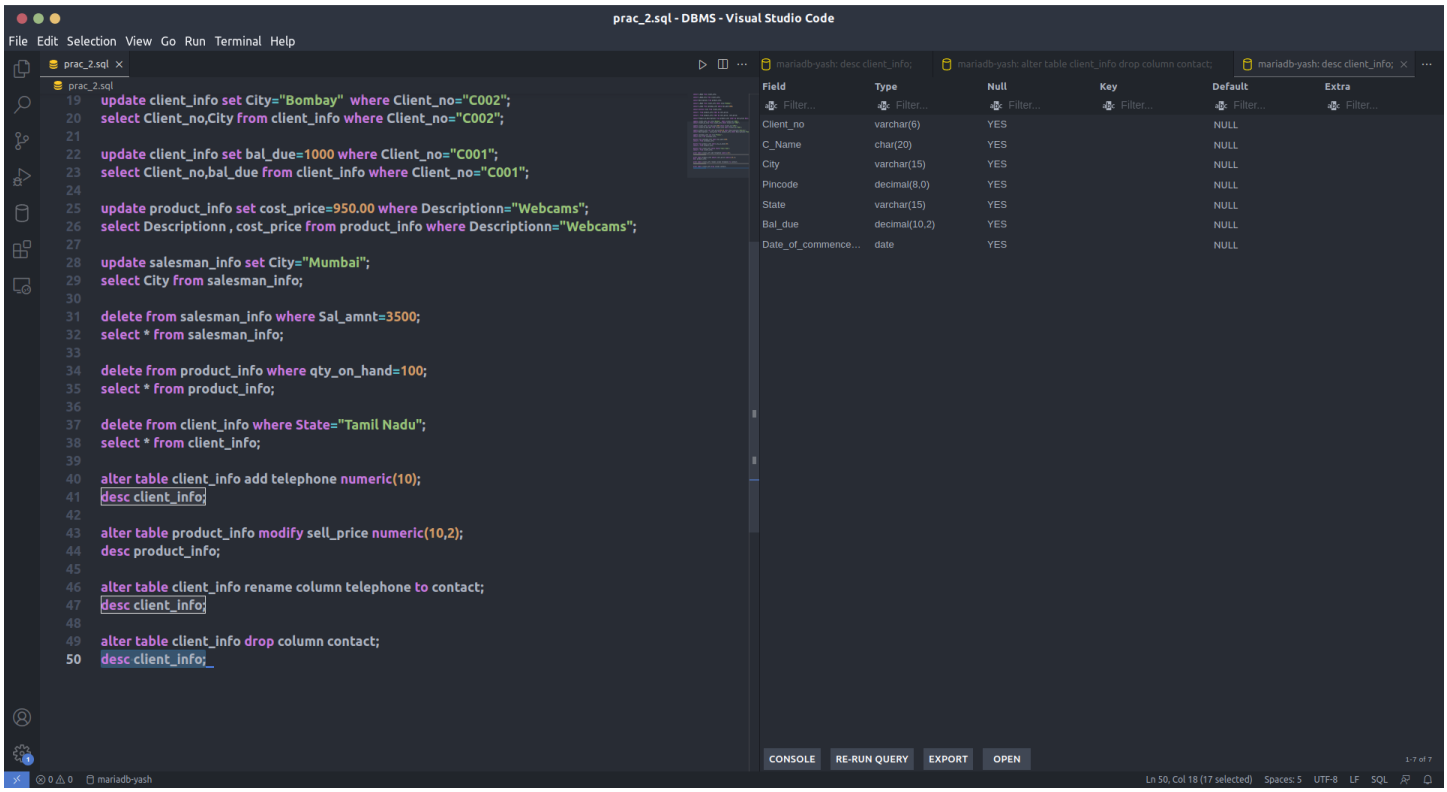
4) Delete column contact from client_master table.





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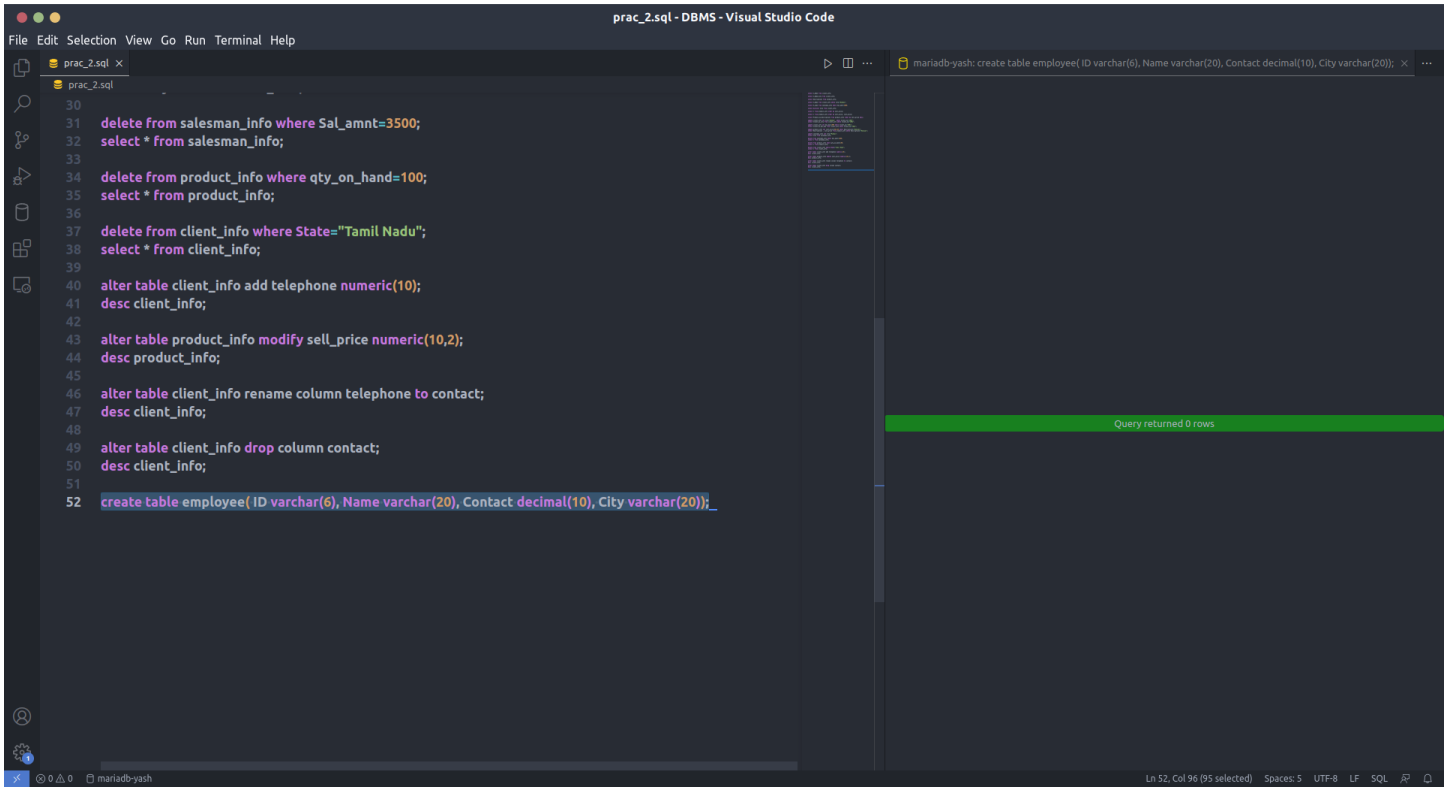
F) Deleting the table structure along with data : Create table employee with 4 columns and 5 rows.



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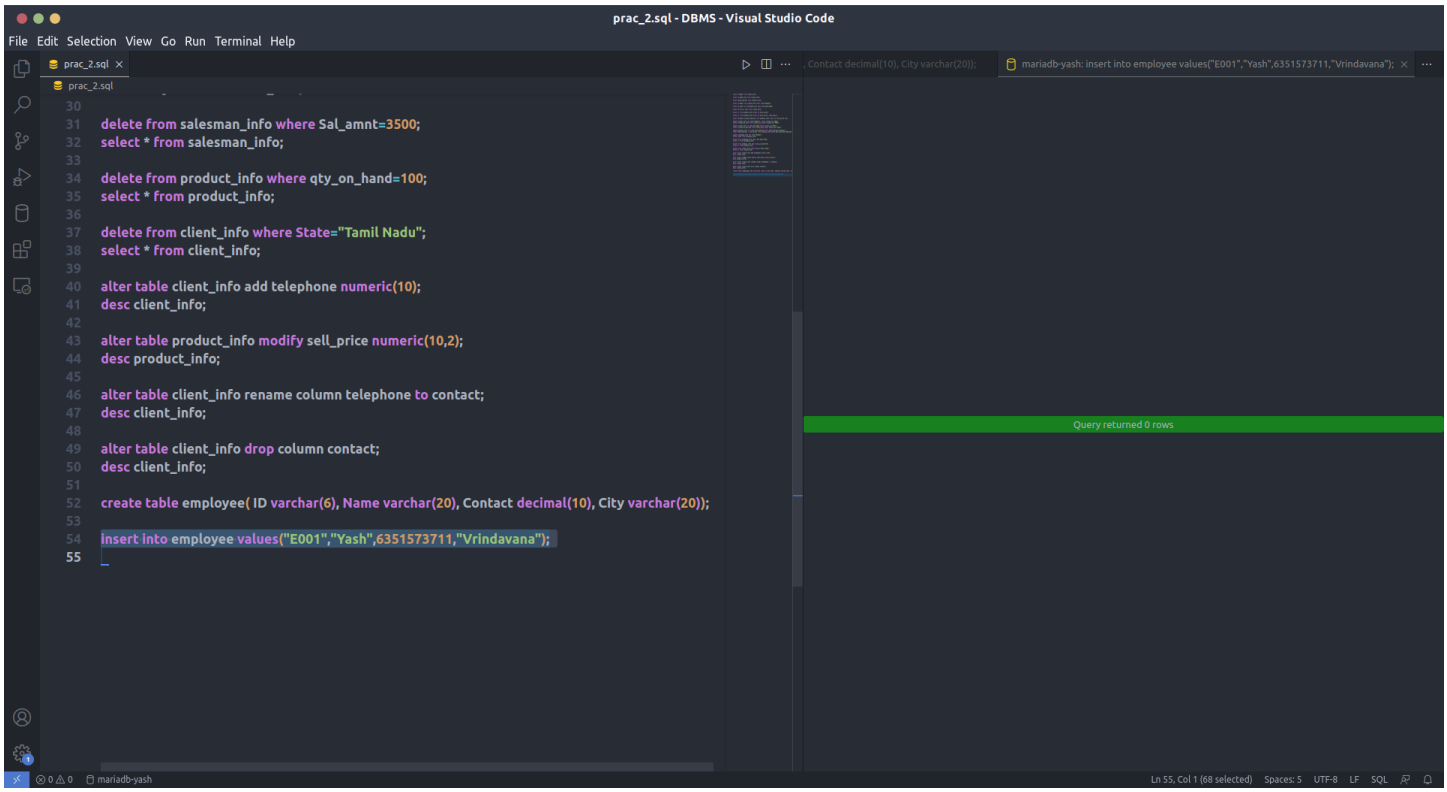

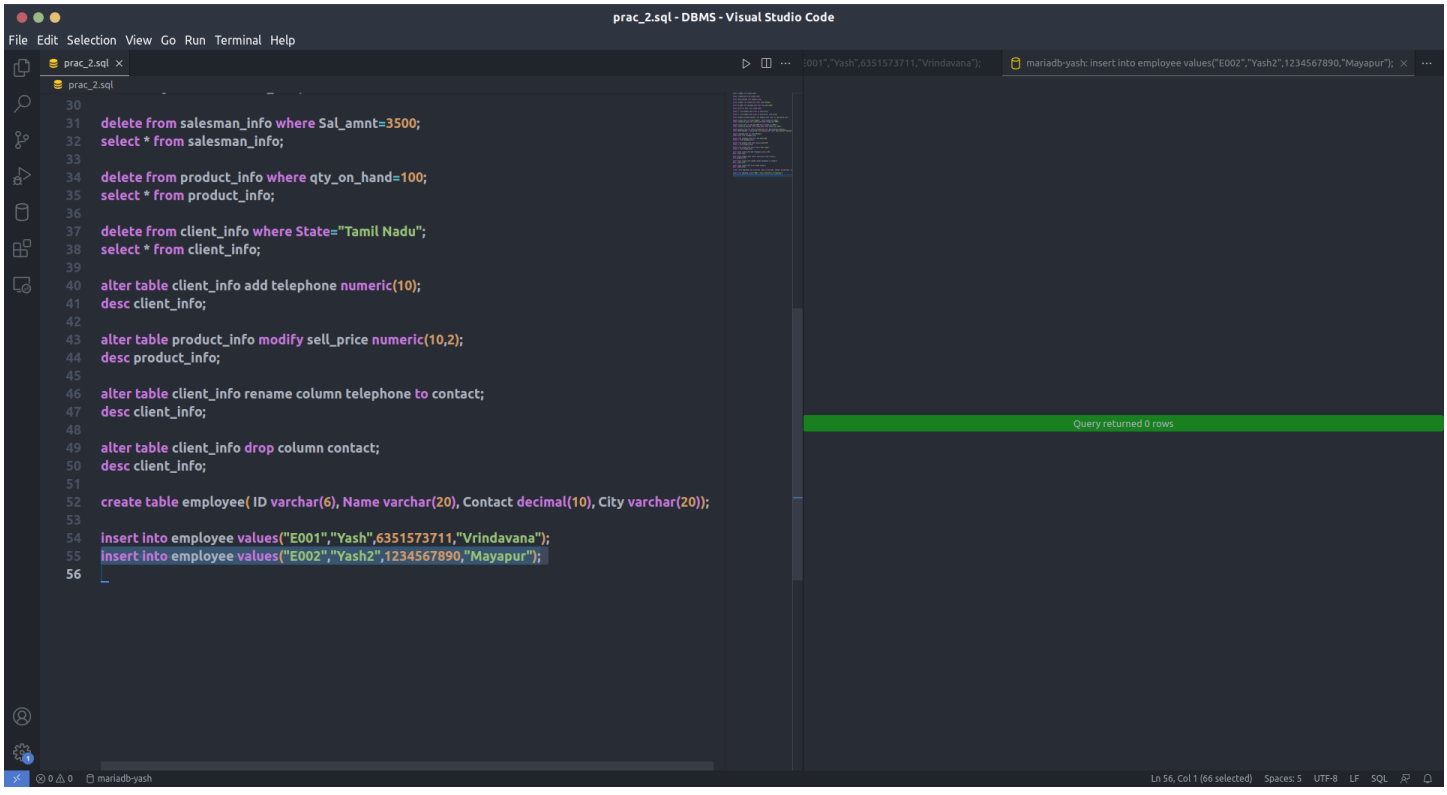

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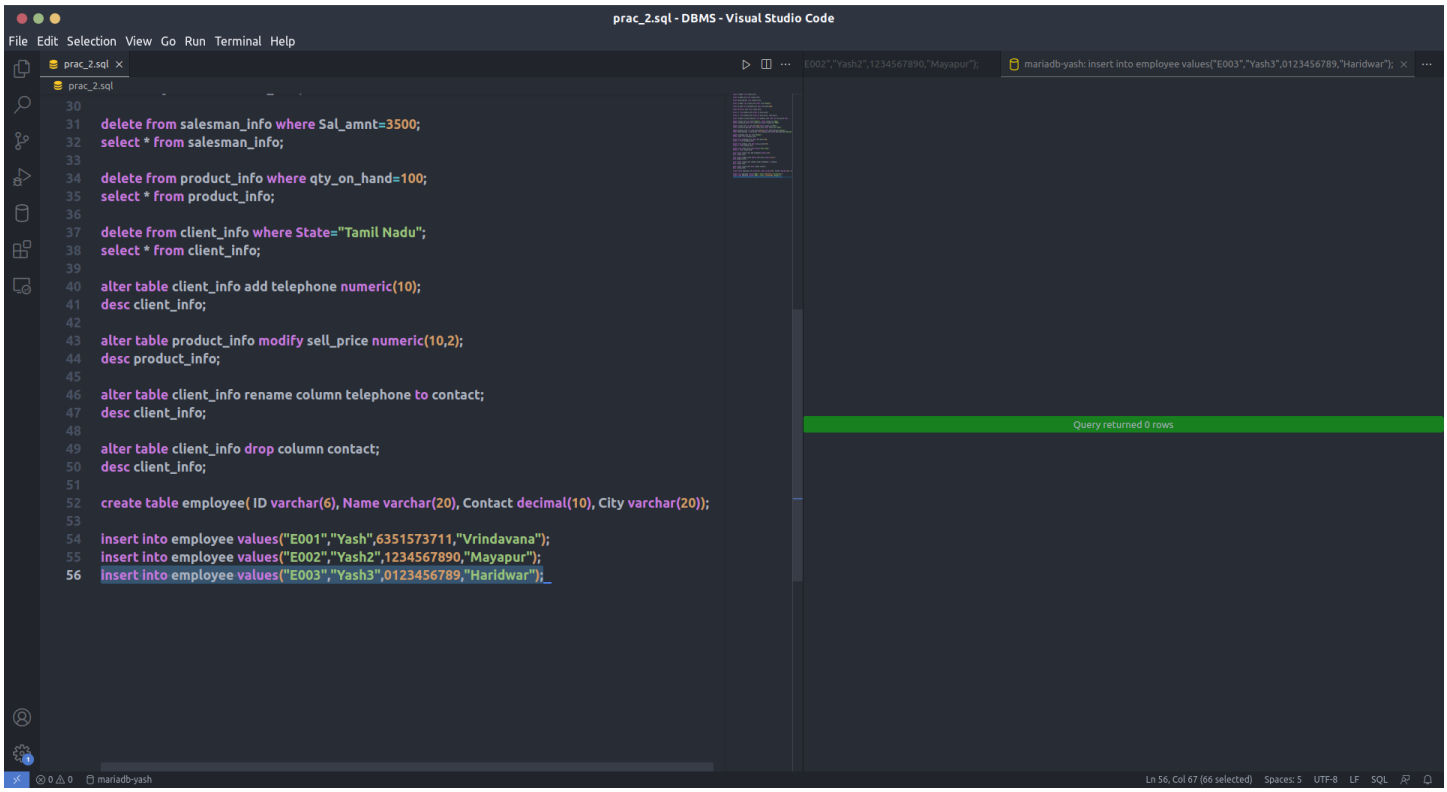

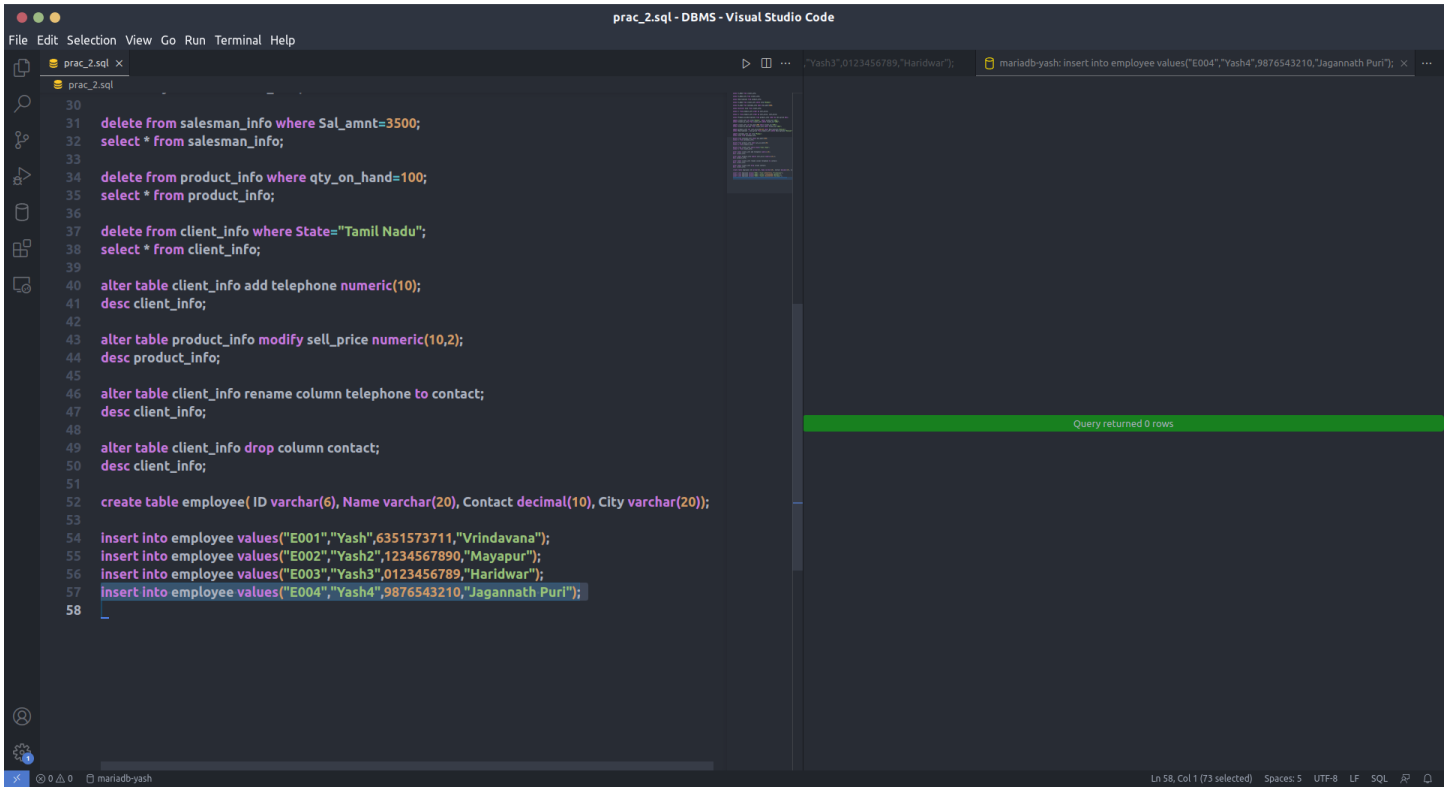

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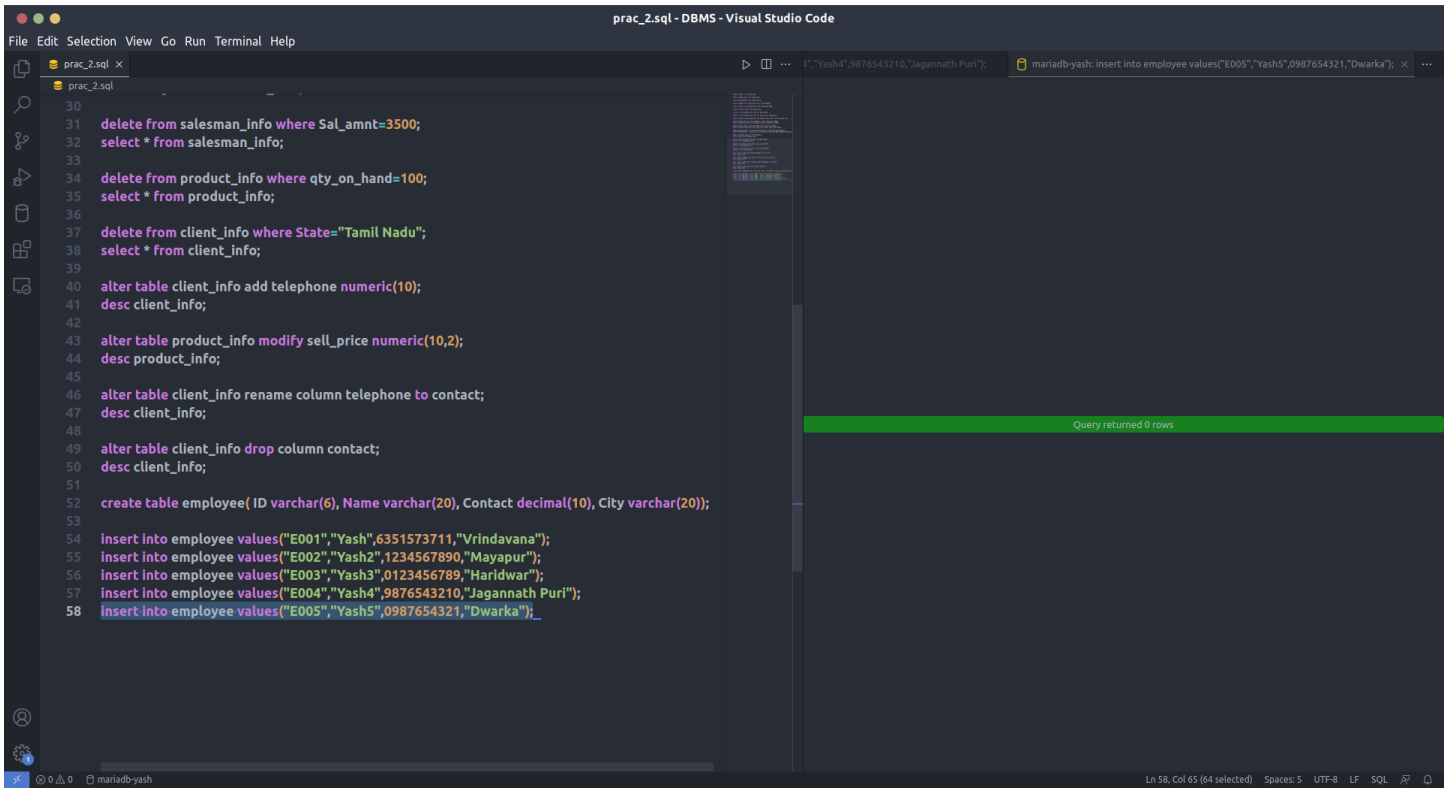

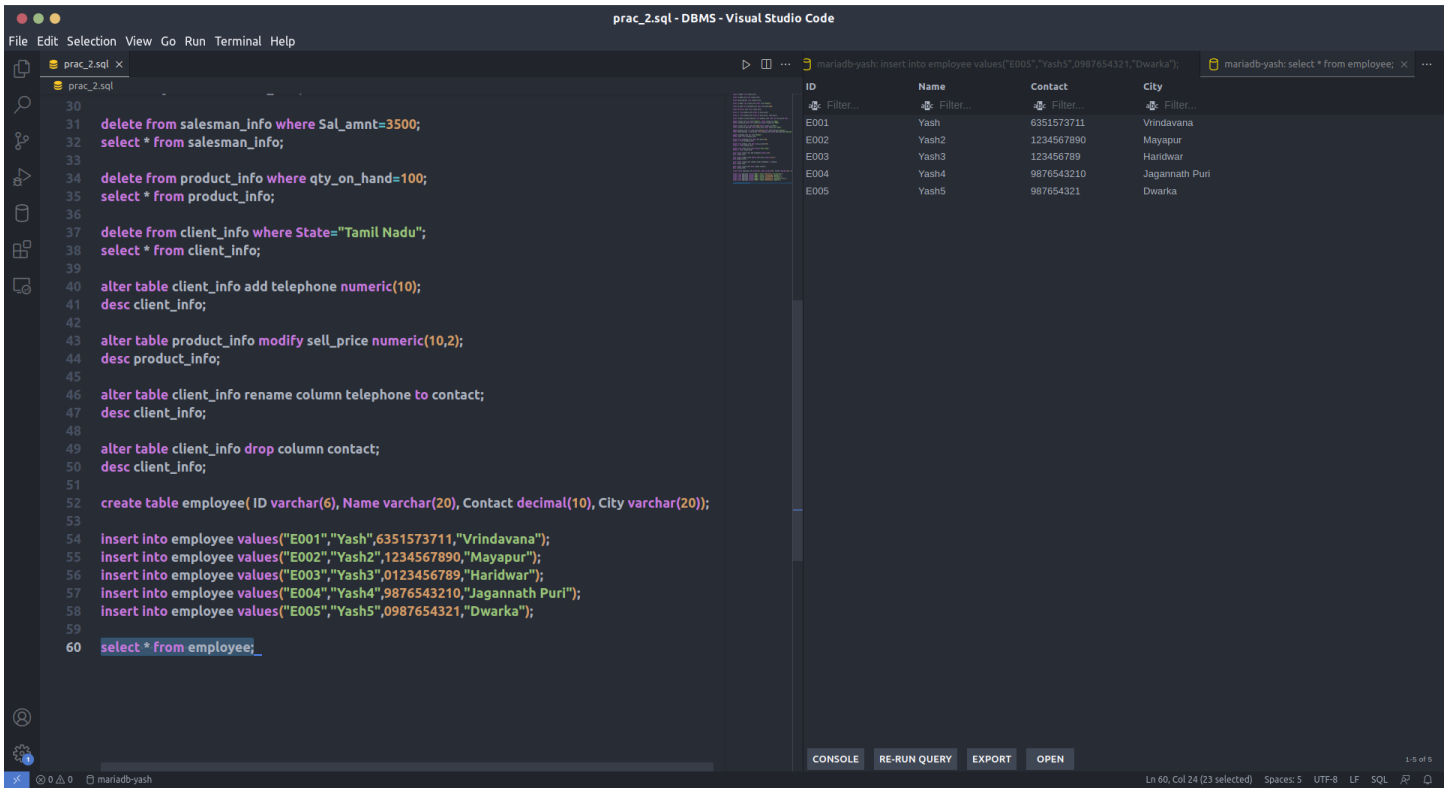

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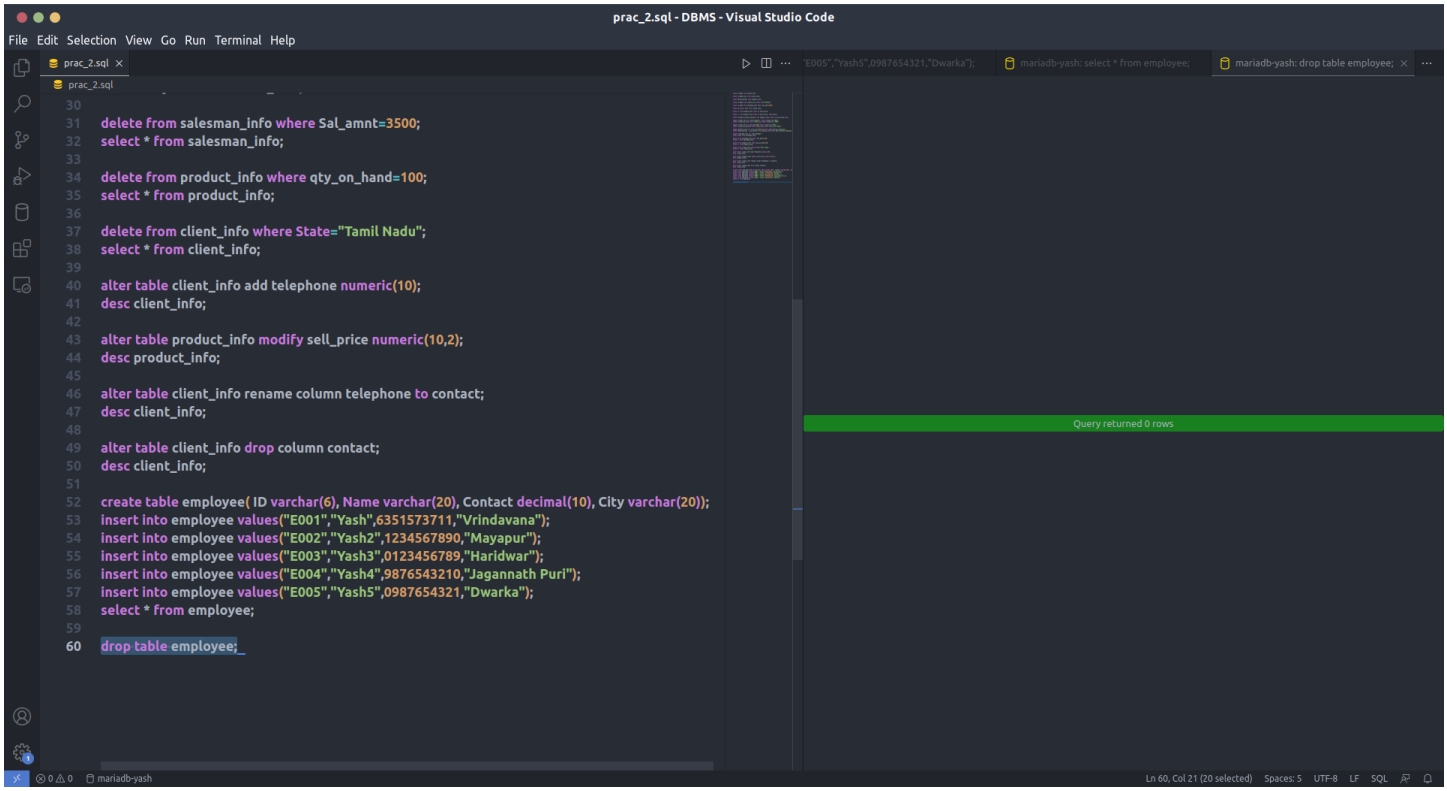
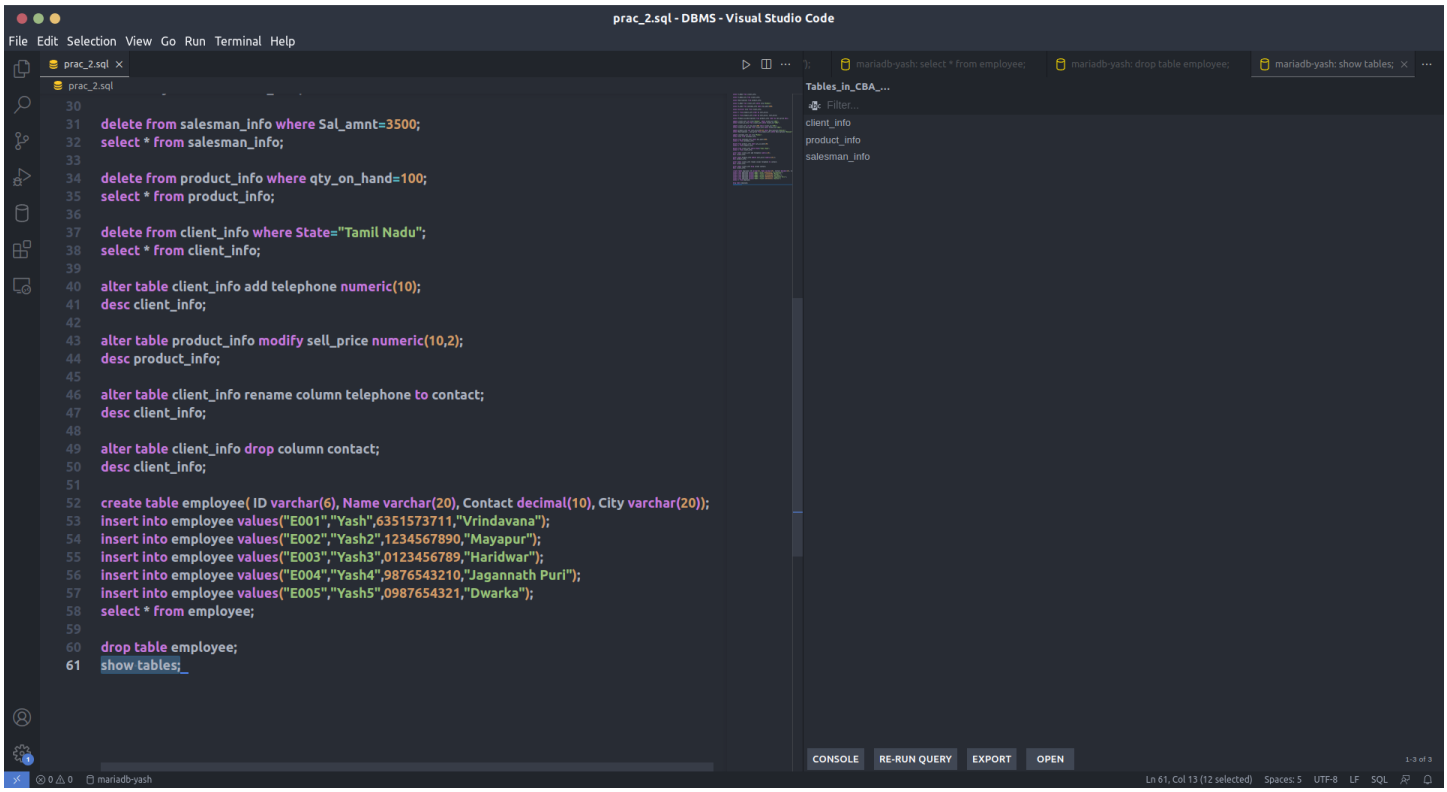
1) Destroy the table employee along with its data.





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G) Renaming the table:

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