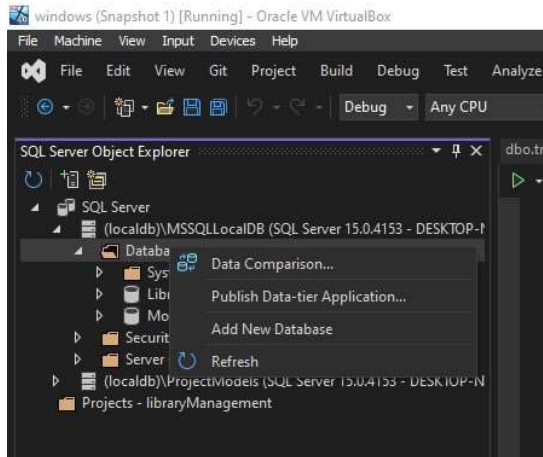


Task

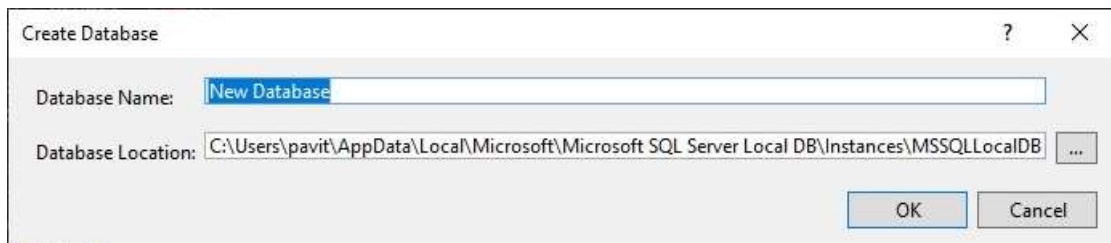
Open visual studio 2022 in the vm/system

Give create a new project and enter the project name. Now using view gives sql server object explorer where the server lists there. Add the server to connect with the localdb. And connect it

Now open localdb we can see the databases click it and add a new database

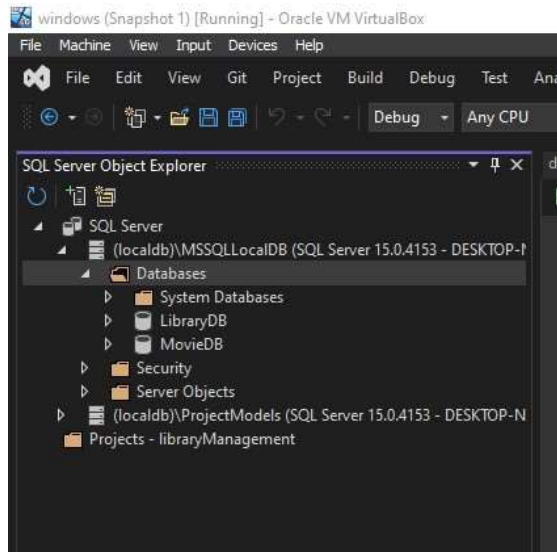


Give the database name

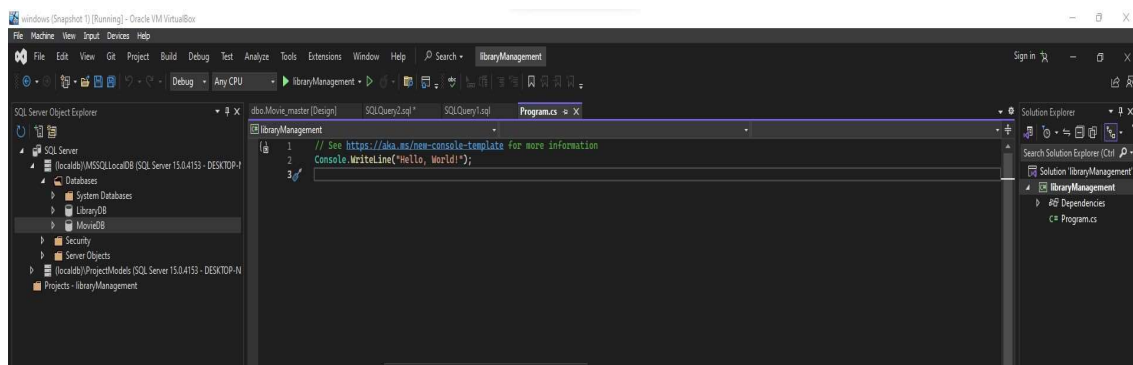


Now click ok

We can see the database created in the sql server object explorer side which gives a clear view of the database which will be used in the project

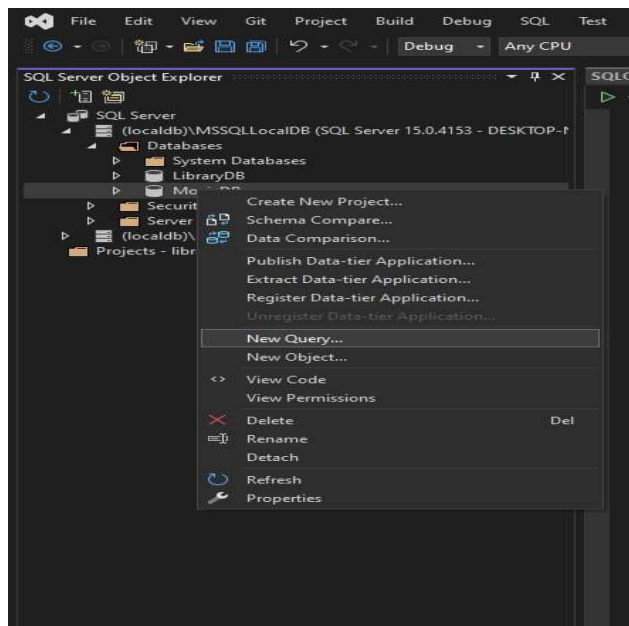


When a database is created there will be a program.cs page is opened as default which should be as it is

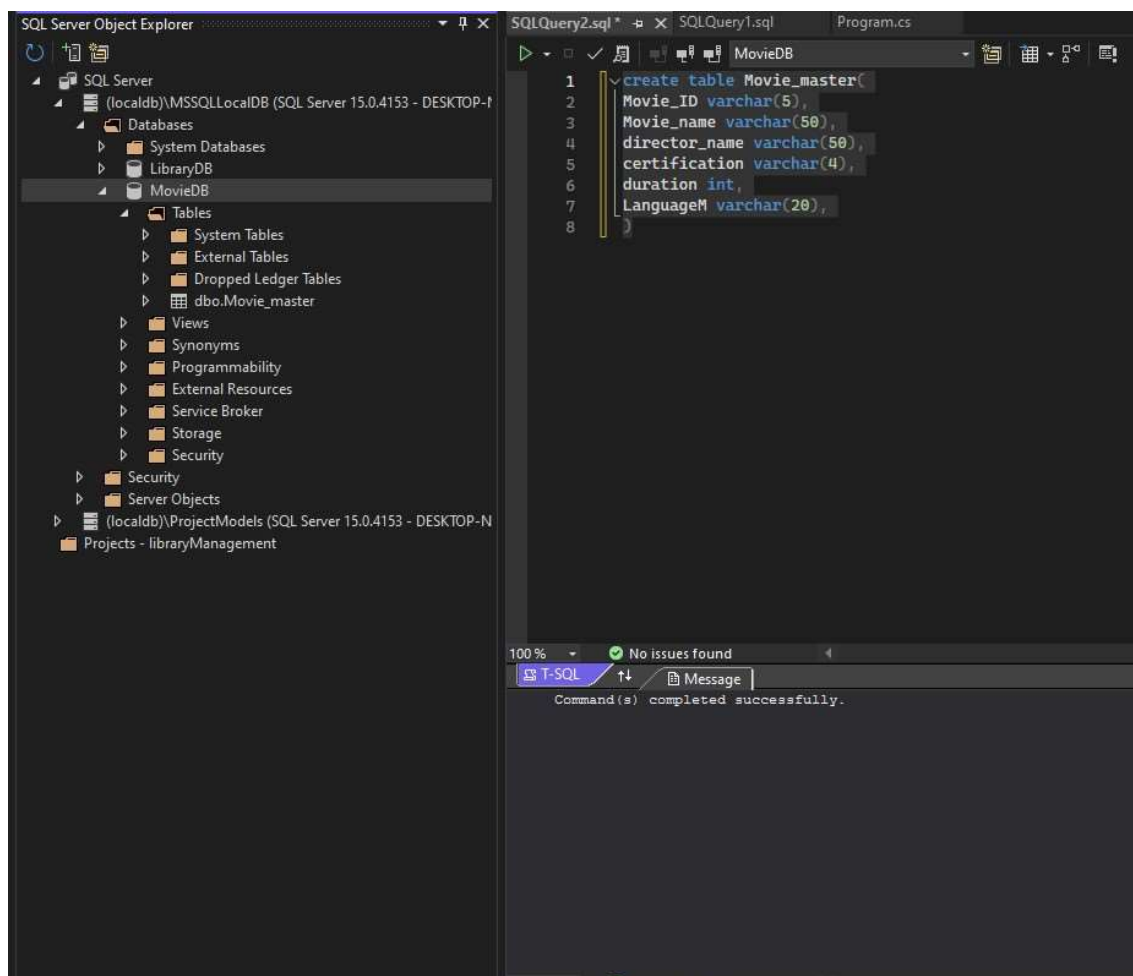


Now right-click the database we can see a new query. Click on it.

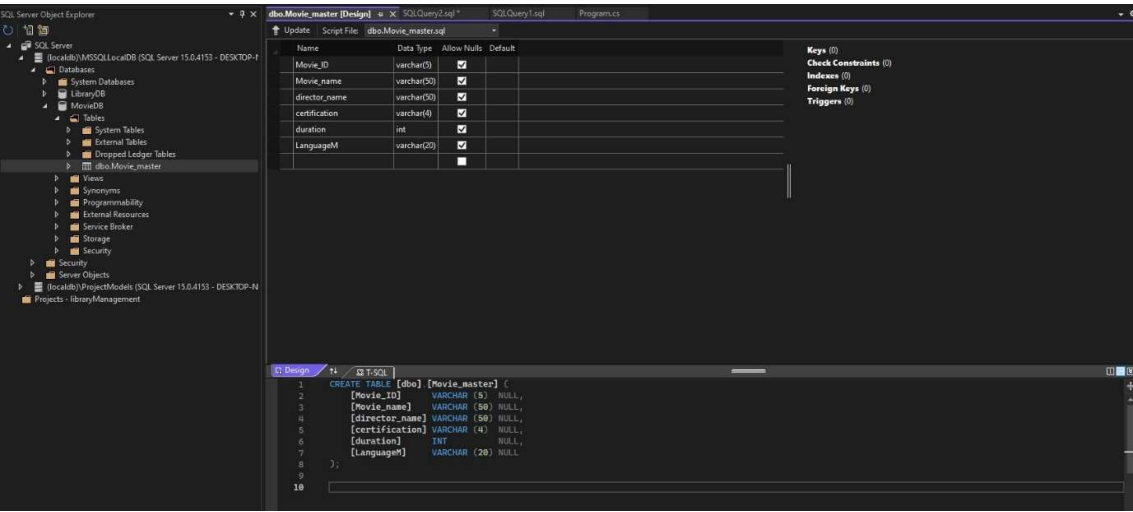
A new query page will be opened where the sql server queries are written.



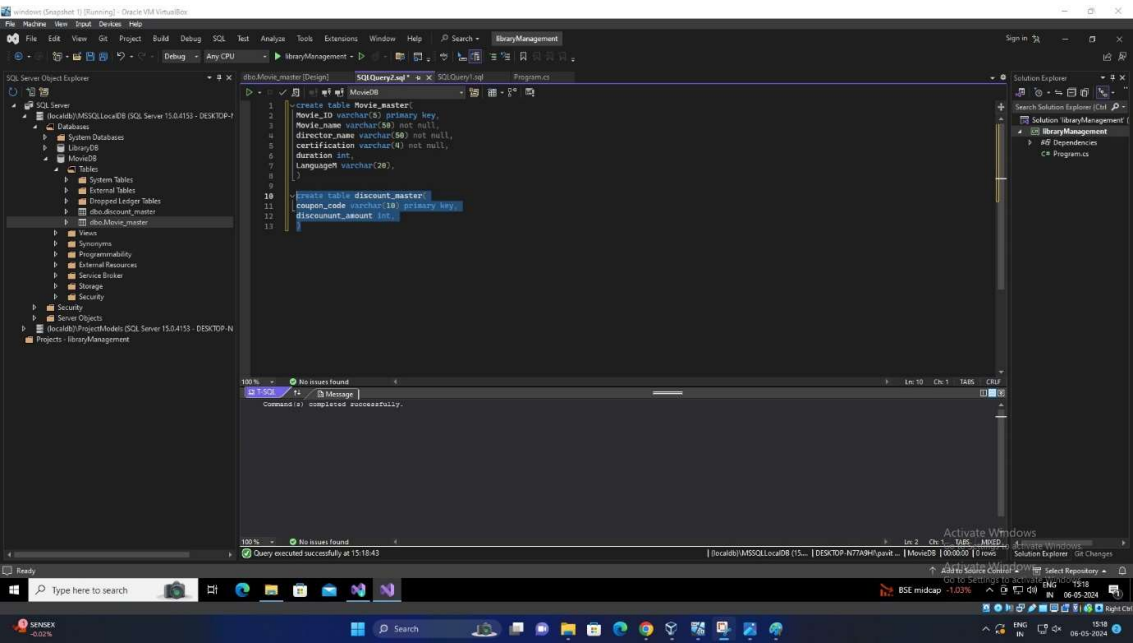
In query page start writing the queries. Create table for the database. First table movie_master



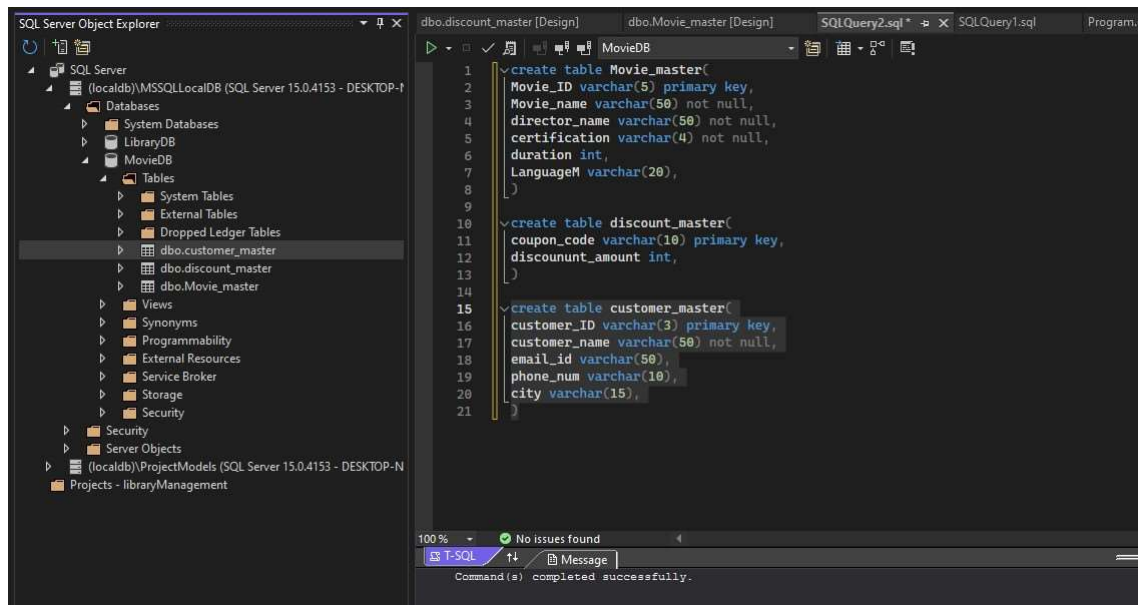
This is how when the table is clicked, it displays



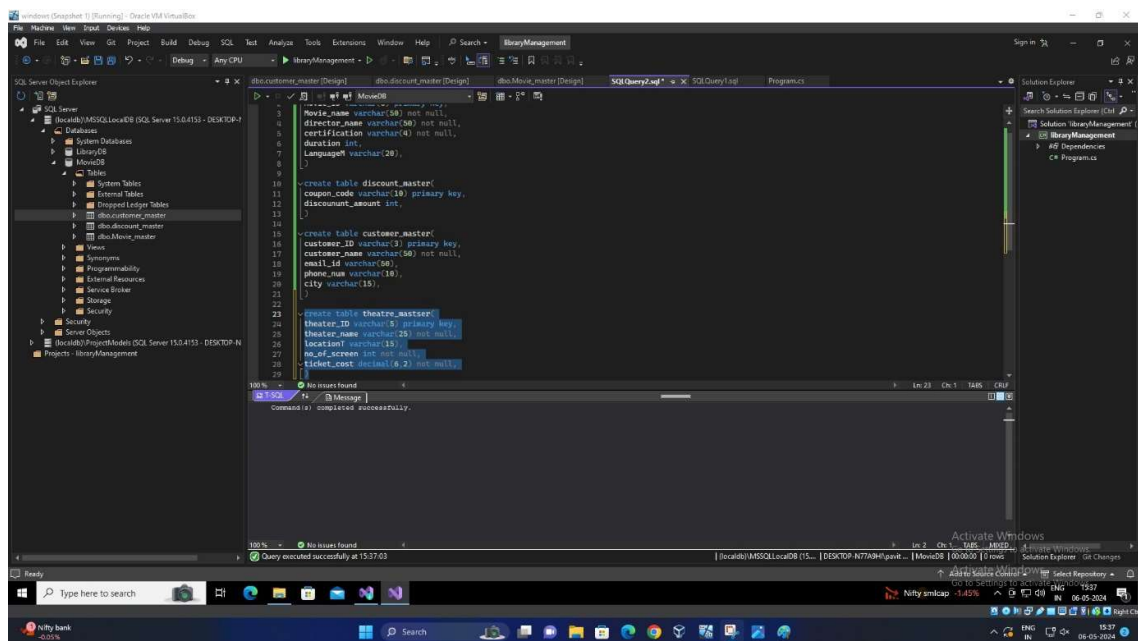
Now create discount_master table



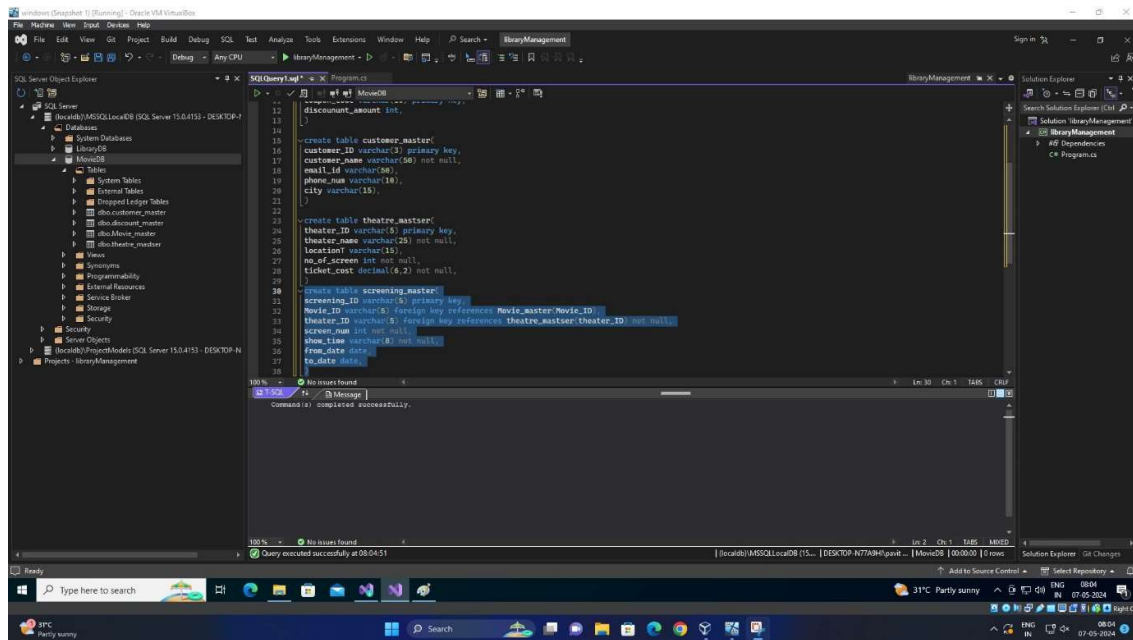
Create table customer_master



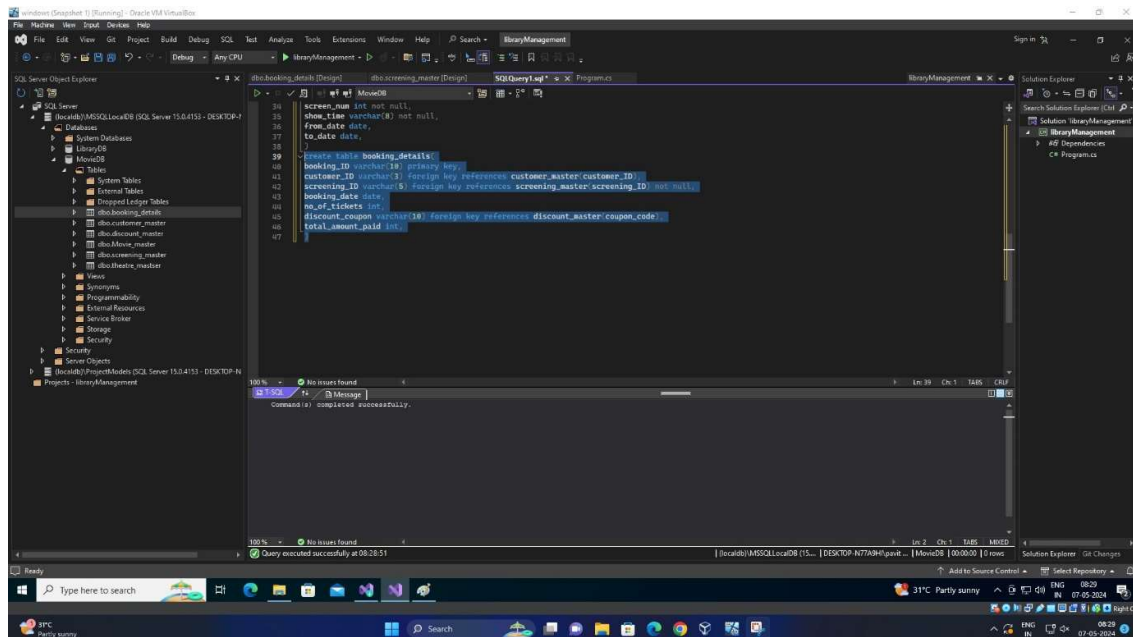
Create table theatre_master



Create table screening_master

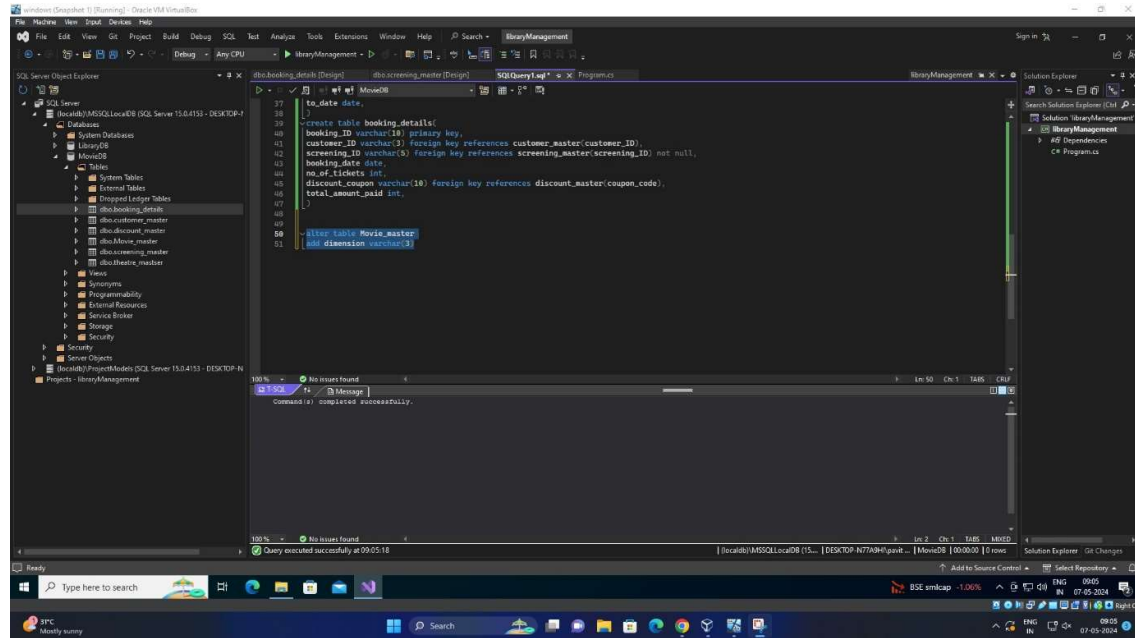


Create booking_details table

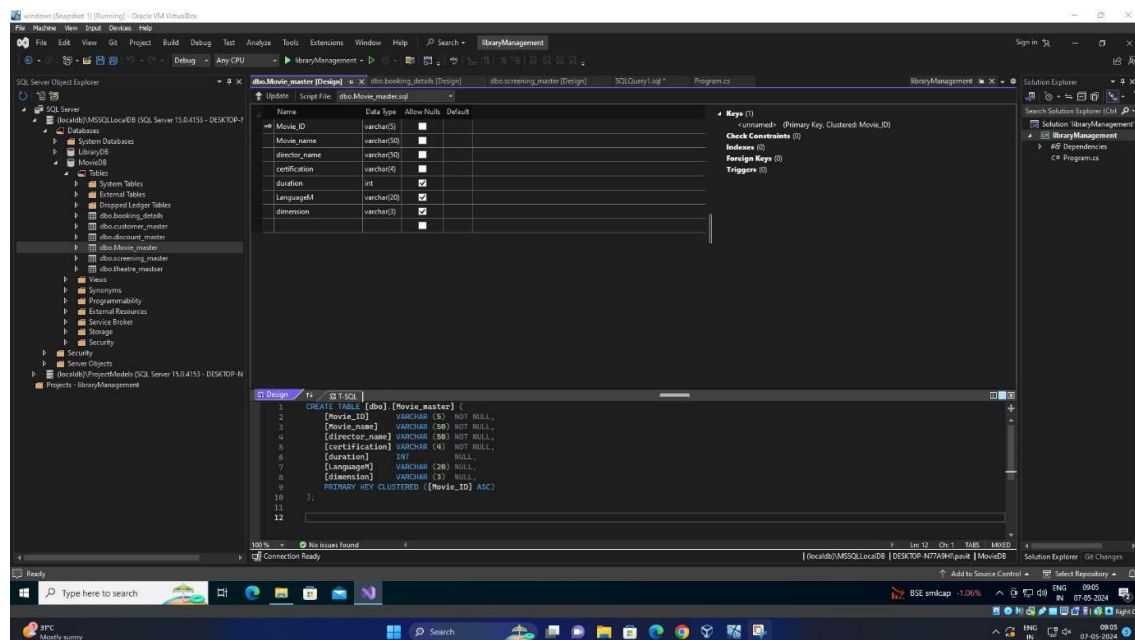


Add a new column to movie master table

Using alter command we can do it ***alter table table-name add column-name datatype***

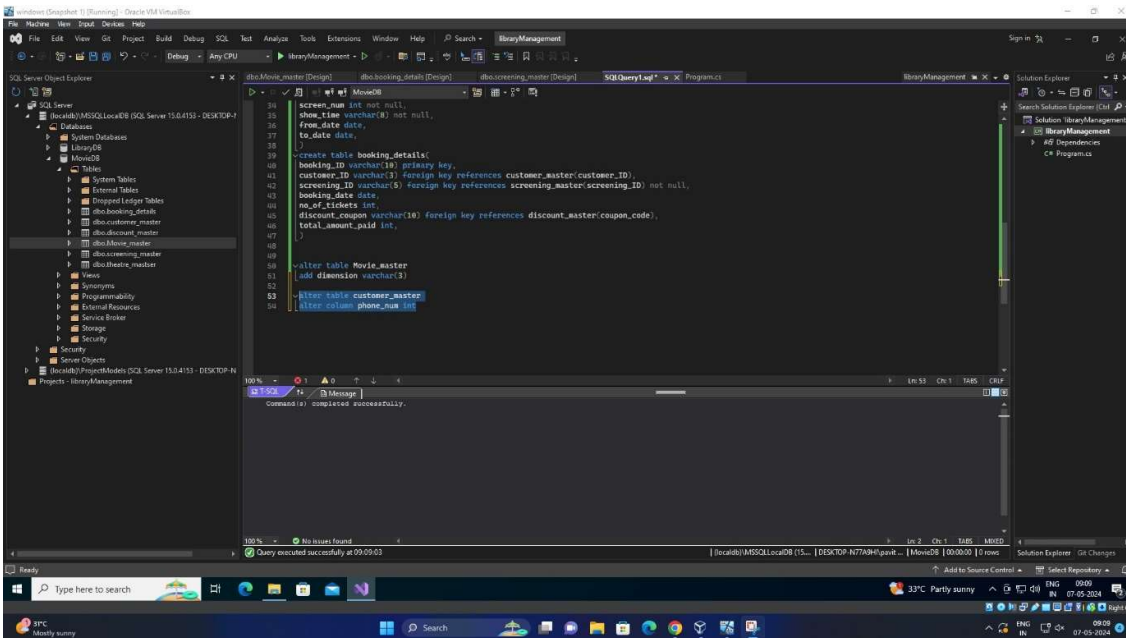


After adding we can see that change in table

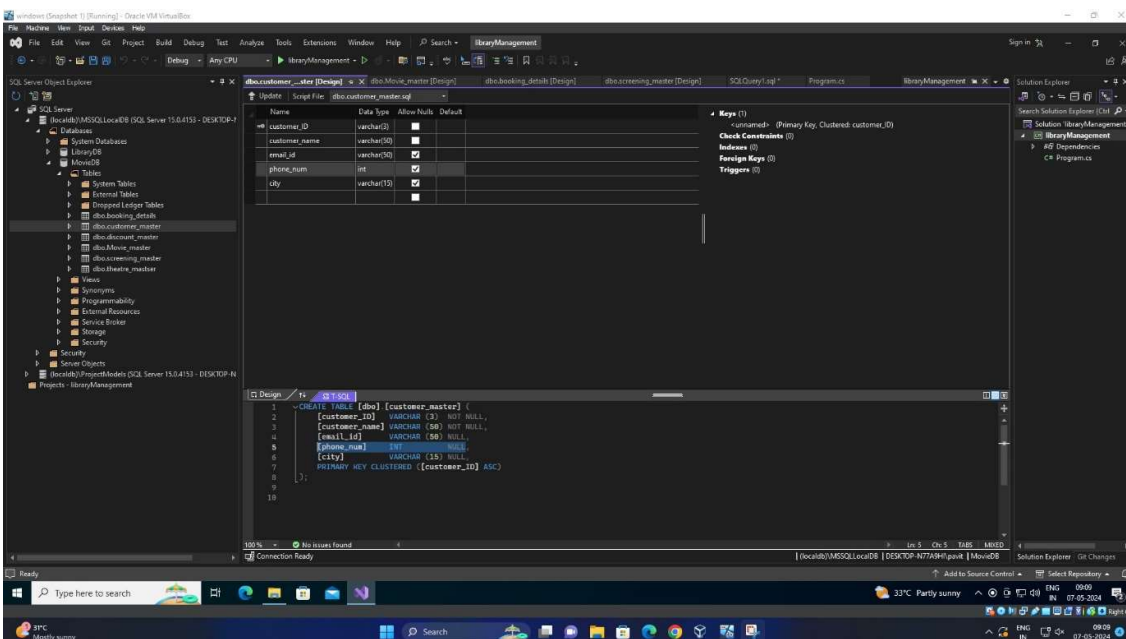


Modify the datatype of column write a query to change the data type of the field phone no in customer master table to int

Using alter command we can implement it ***alter table table-name alter column column-name datatype***

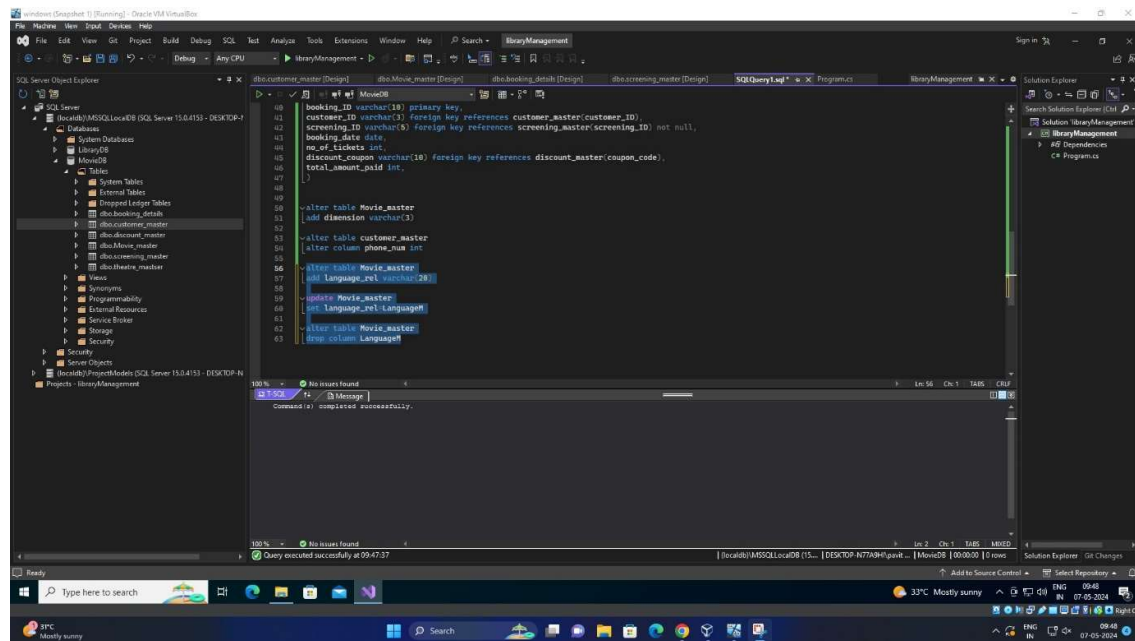


It is seen in table

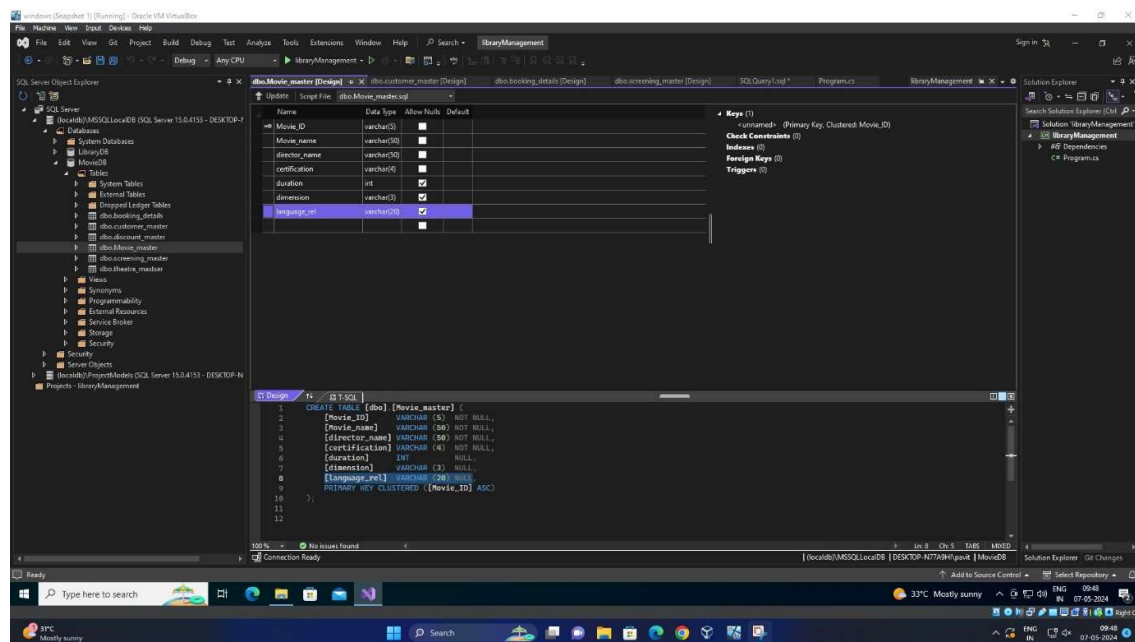


Change the name of the existing field language to language_rel in the movie_master table.

First, add a new column then update the column values from the previous one to the new one and delete the old column in the server in general, we can use rename

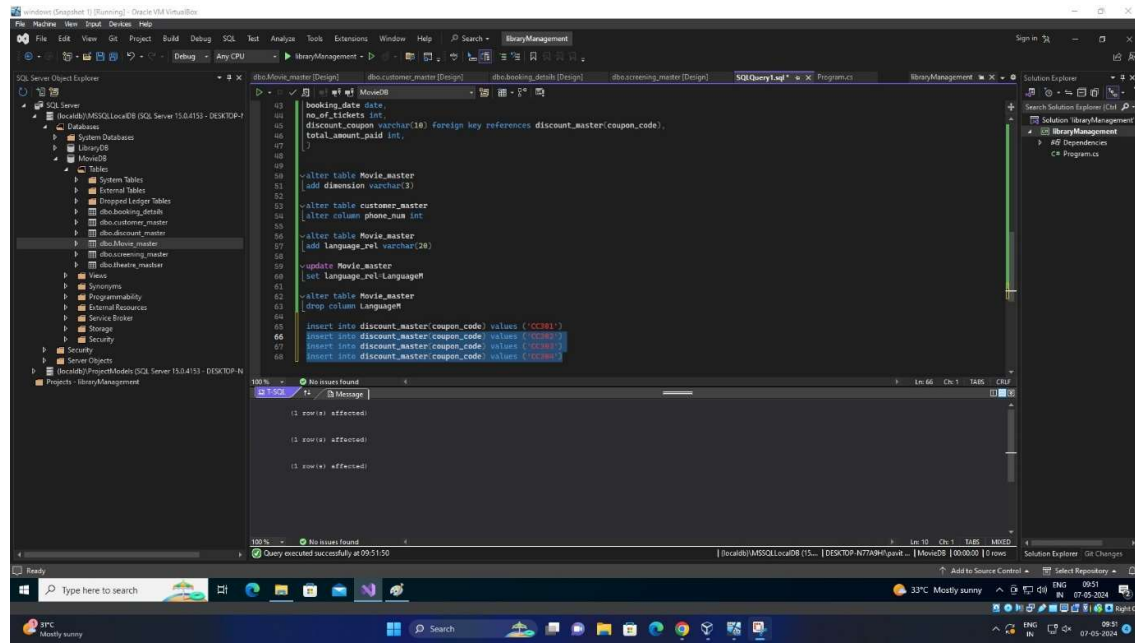


This how we can see the difference in table

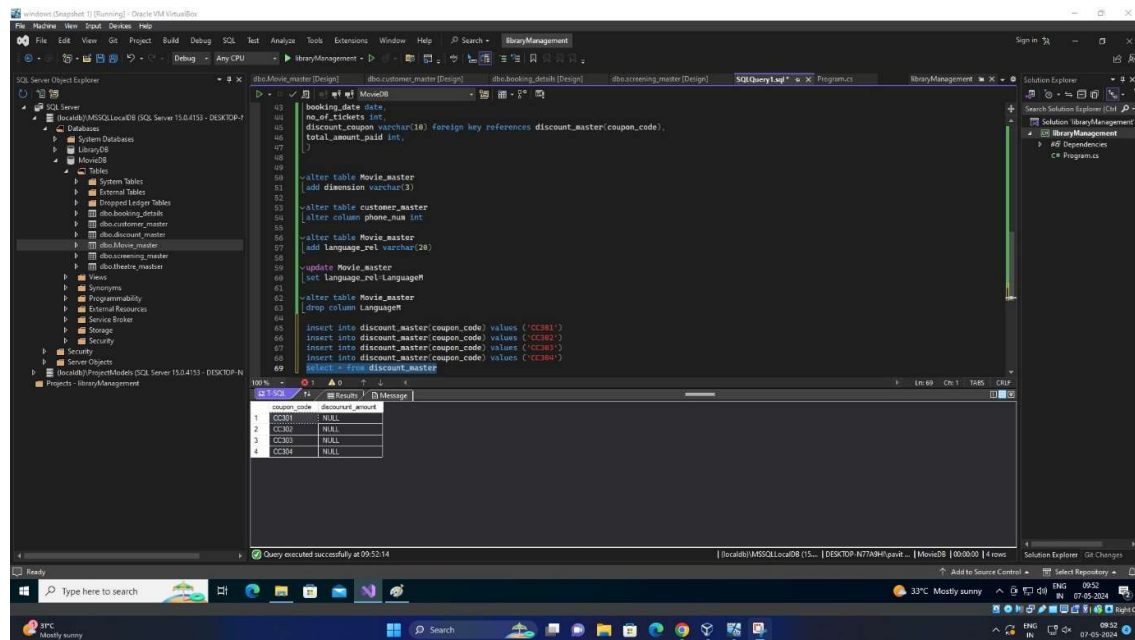


Insert into the discount master table only the coupon code. Insert 3 records into it

Using insert command we can implement it *insert* into table-name values(c1,c2,c3...)

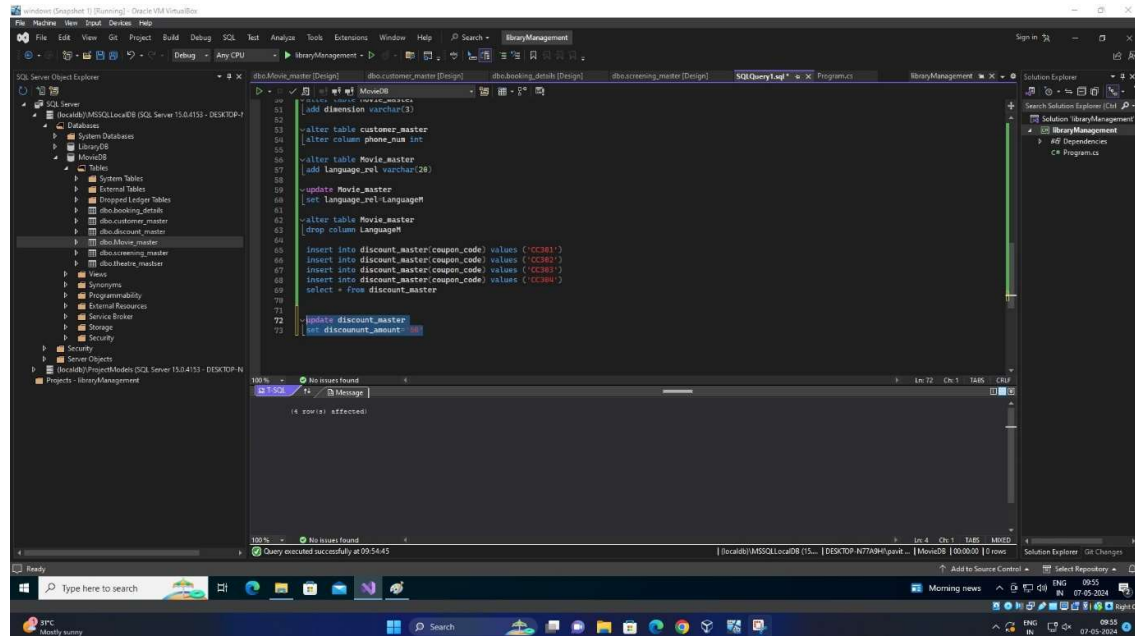


Using select command we can see the values in table which is inserted

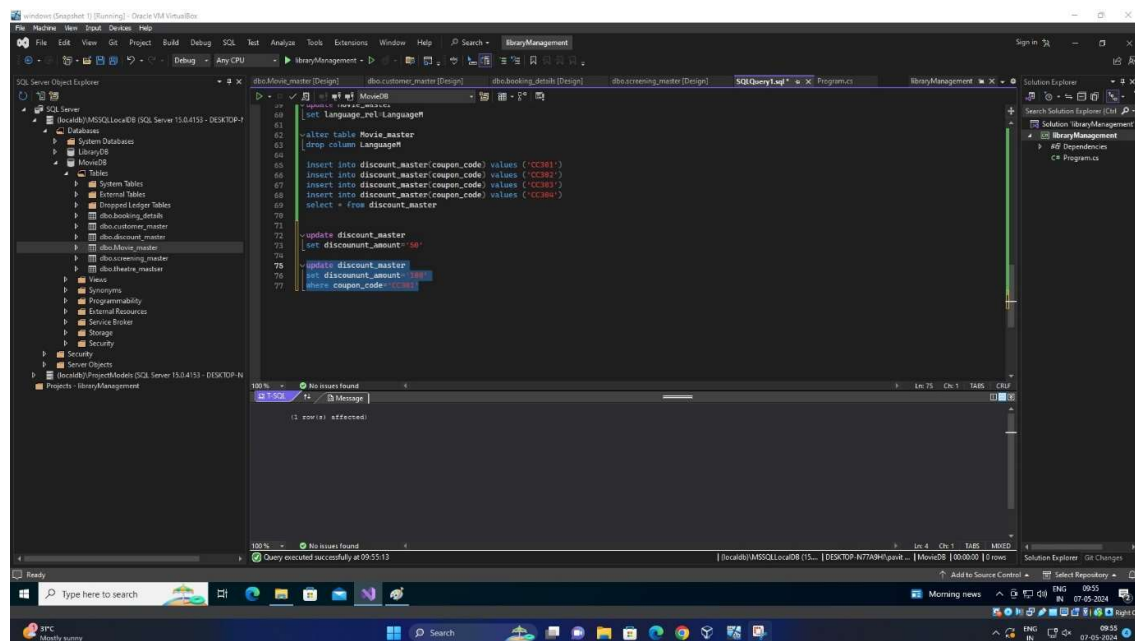


Now update discount amount into discount master table

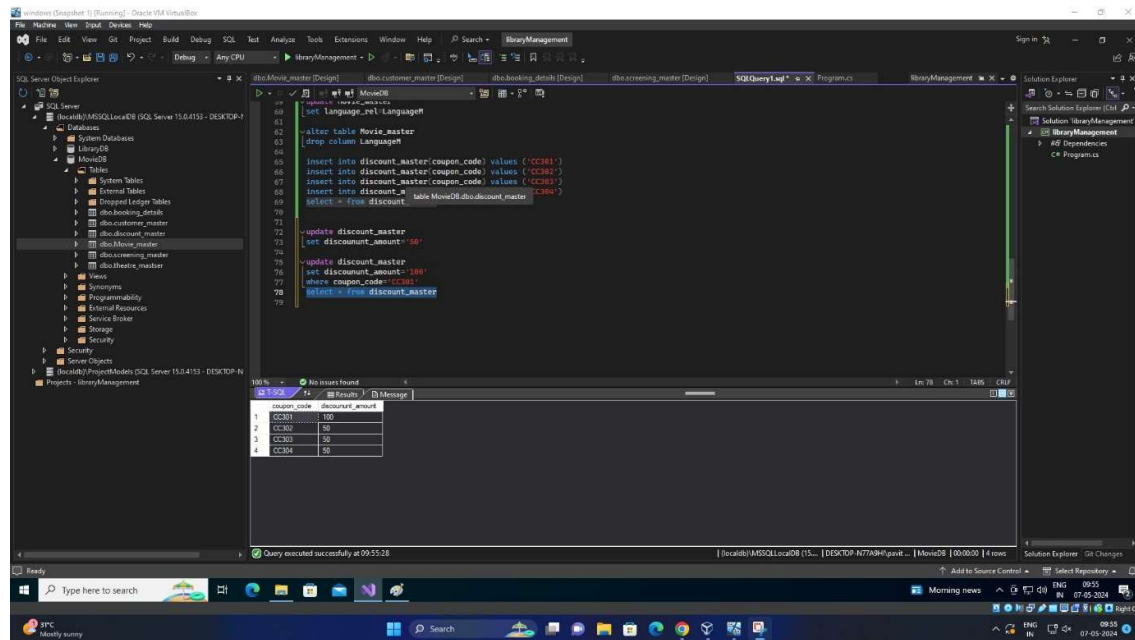
Using update command we can implement it *update table-name set column-name datatype*



If where condition is given then a particular row is updated

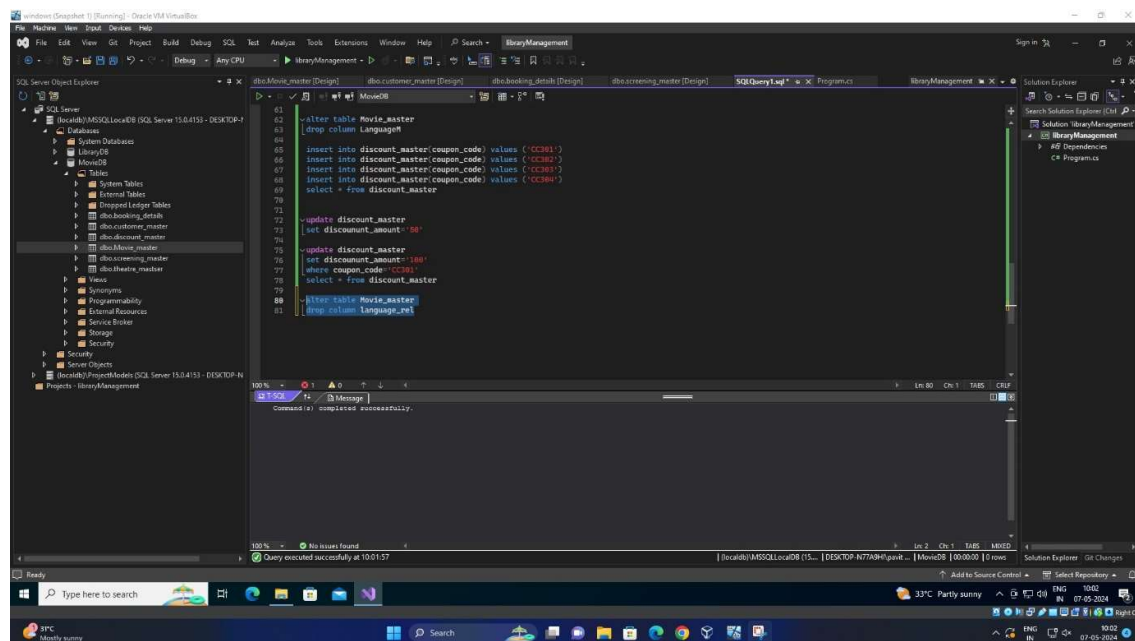


Using select command we can see the c]values in the table which is updated

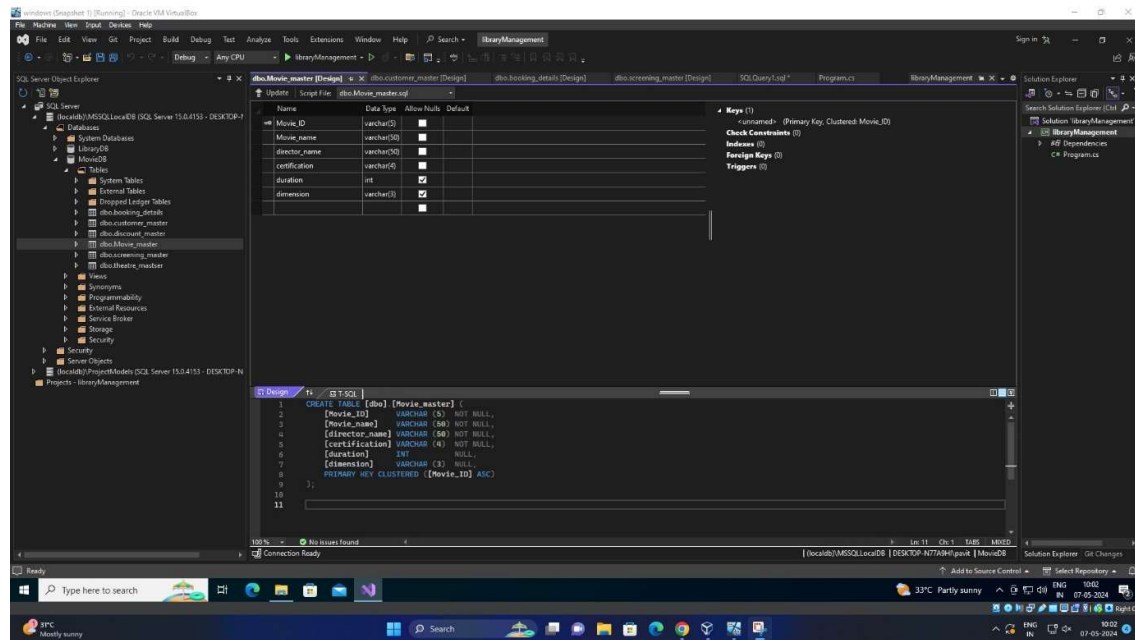


Drop column language in movie master table

Here a particular column need to be dropped so using alter command we can implement it **alter table table-name drop column column-name**

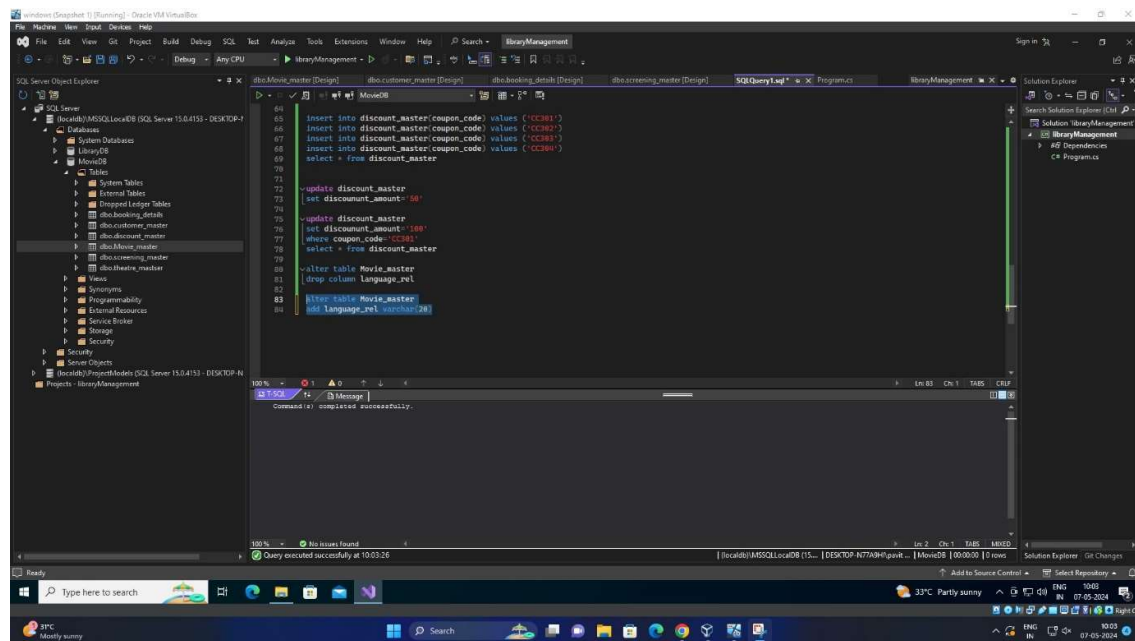


It can seen in the table

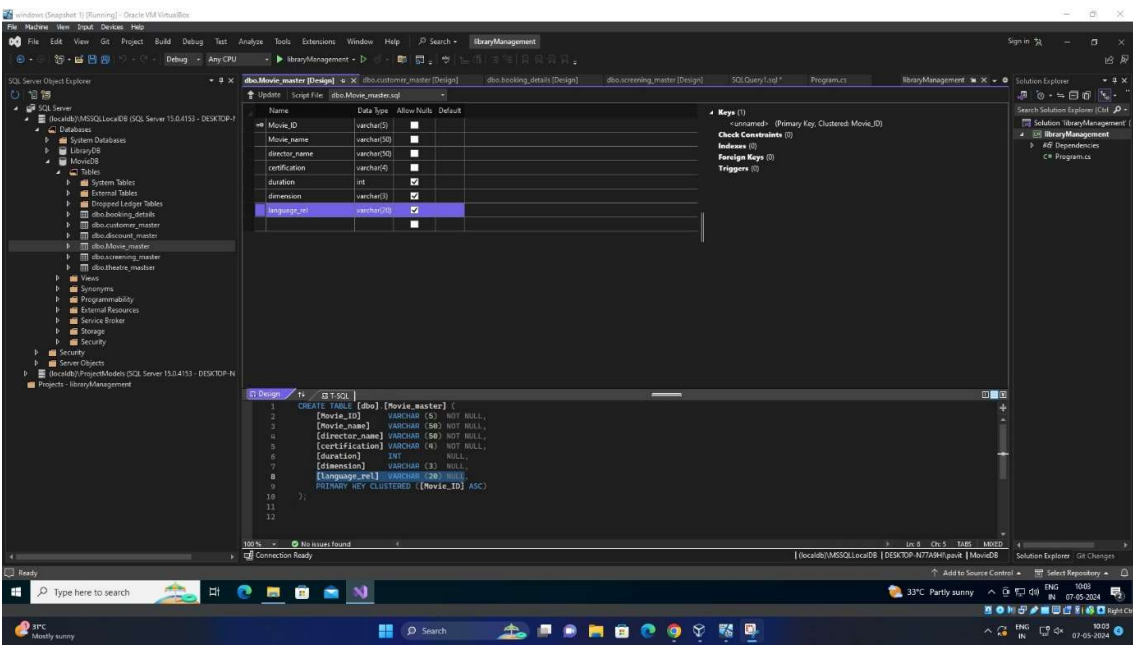


Add column language in movie master table

Using alter command we can achieve it

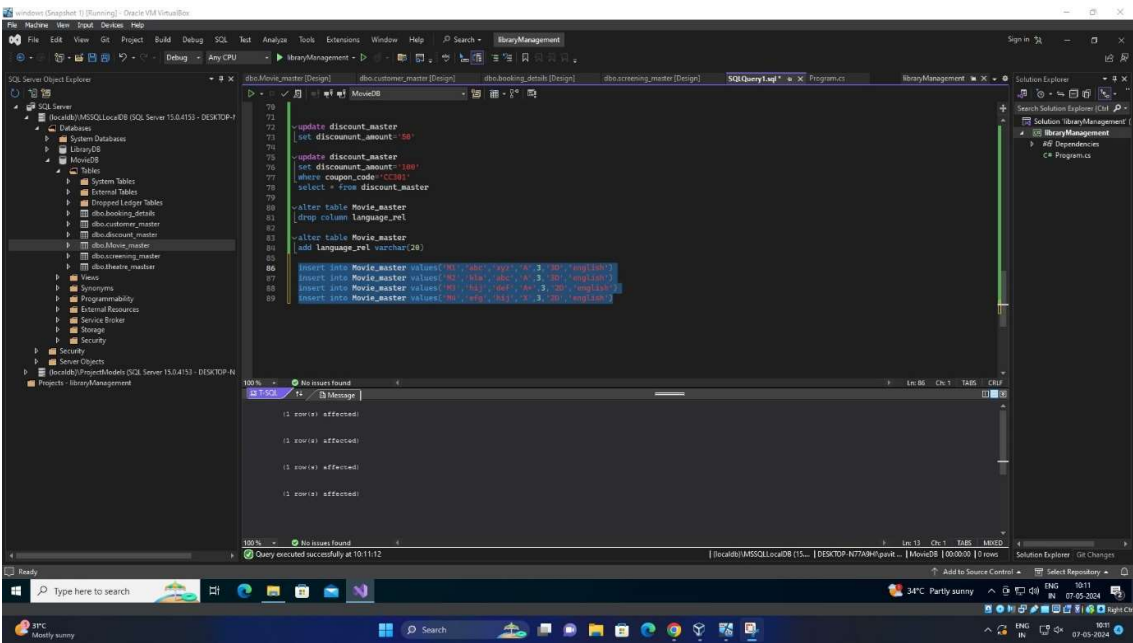


It is seen in the table

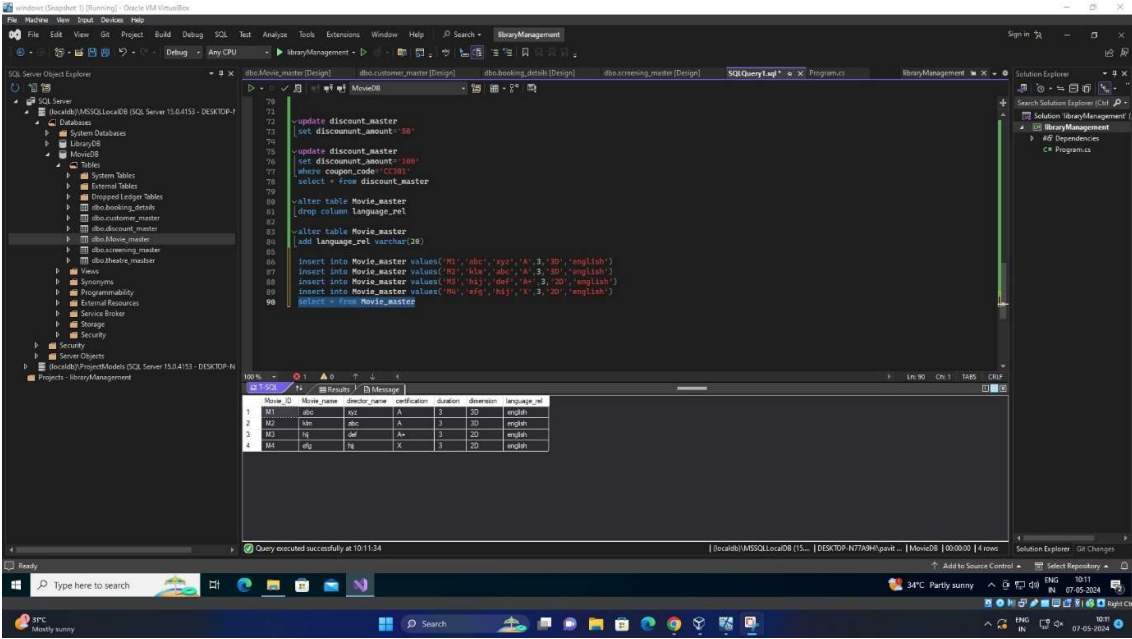


Insert records into other tables present

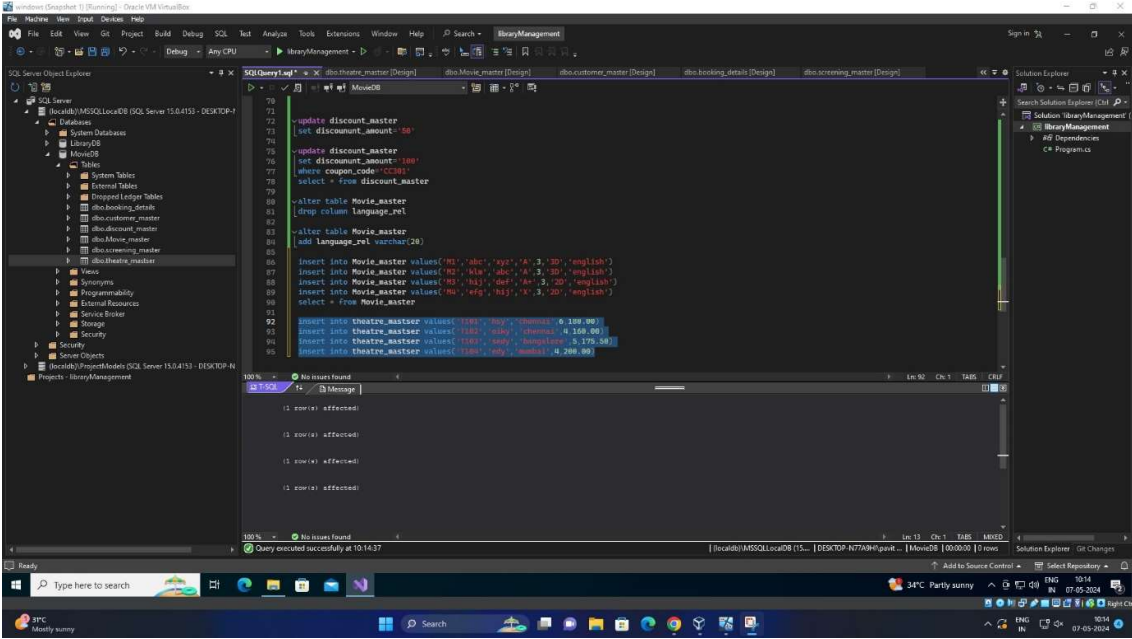
Using insert command we can insert the values into all table. Here the values are inserted in movie_master table.



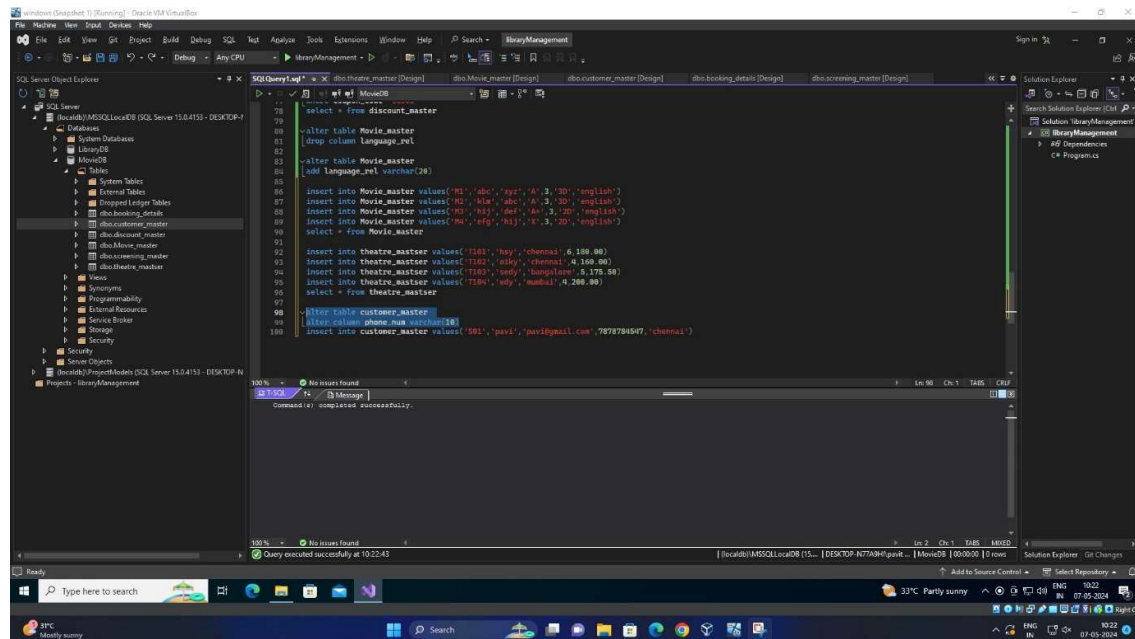
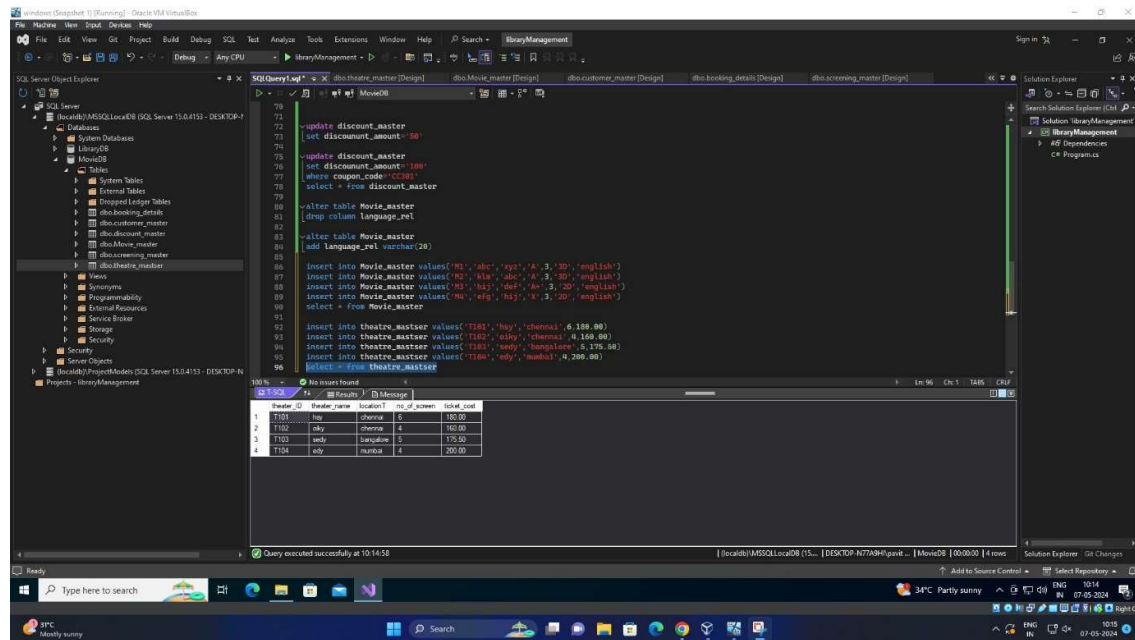
Using select command we can see that



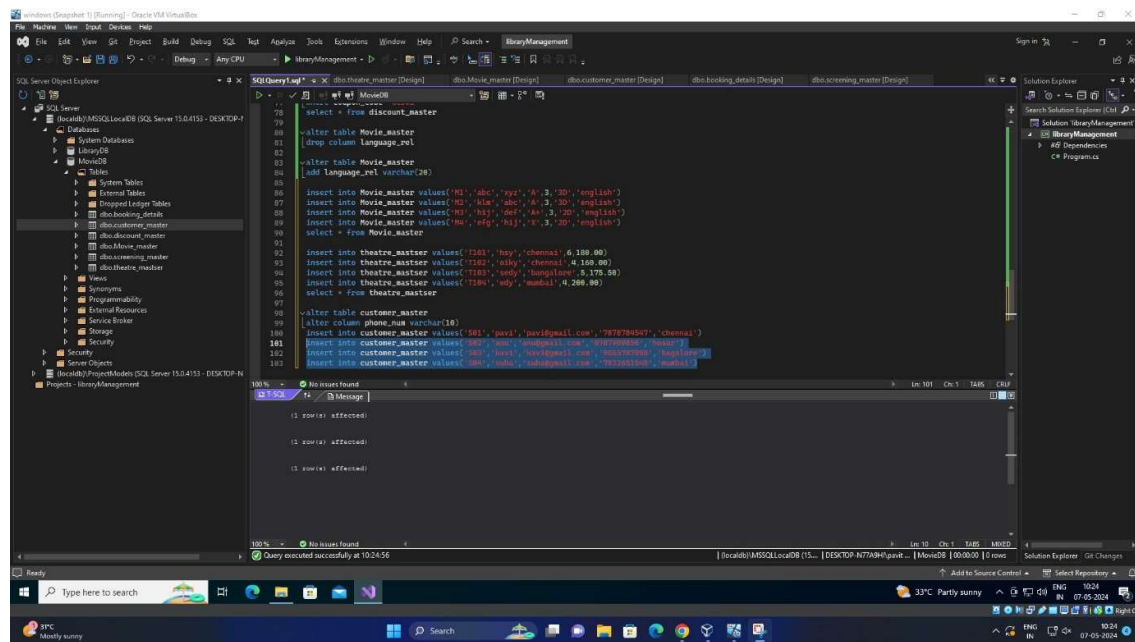
Now theatre_master table is inserting the values



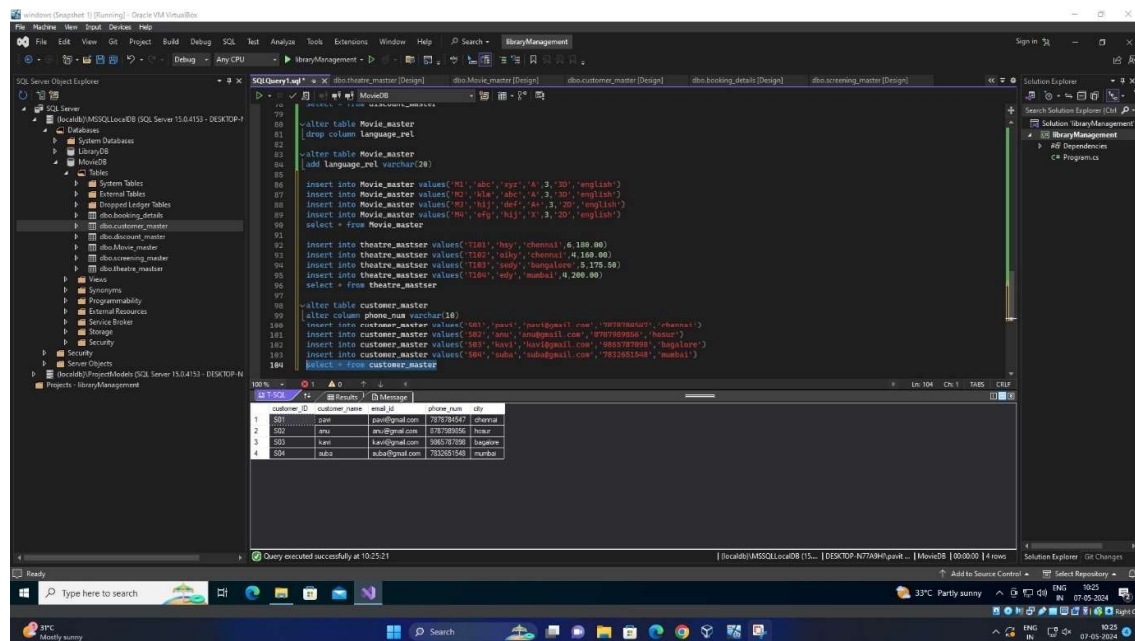
Using select command we can see that



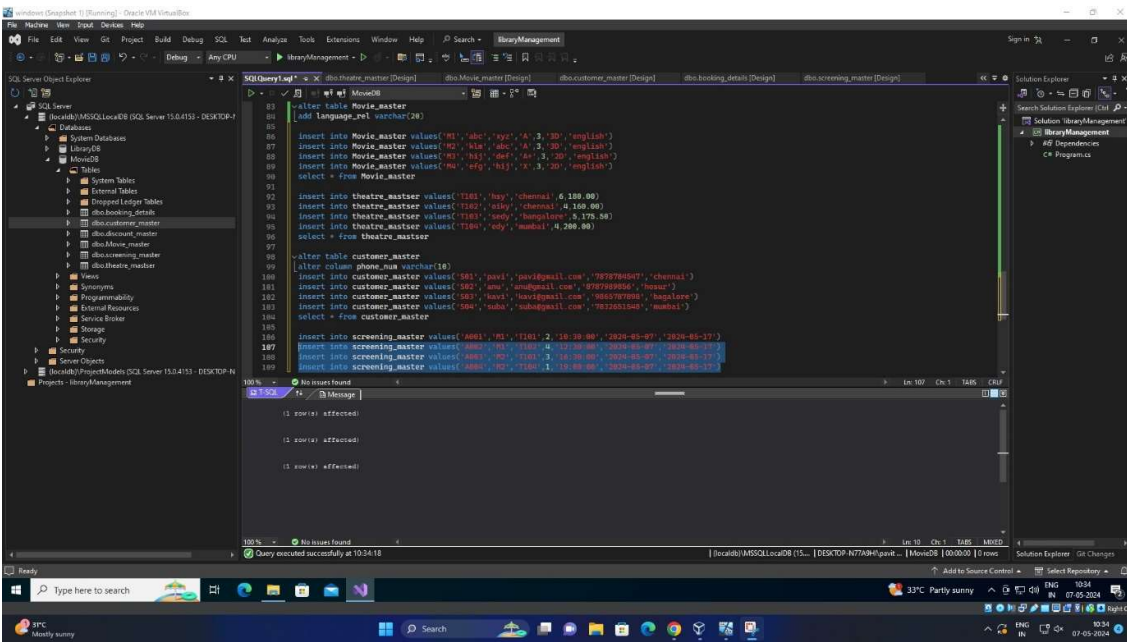
Now customer_master table is inserted



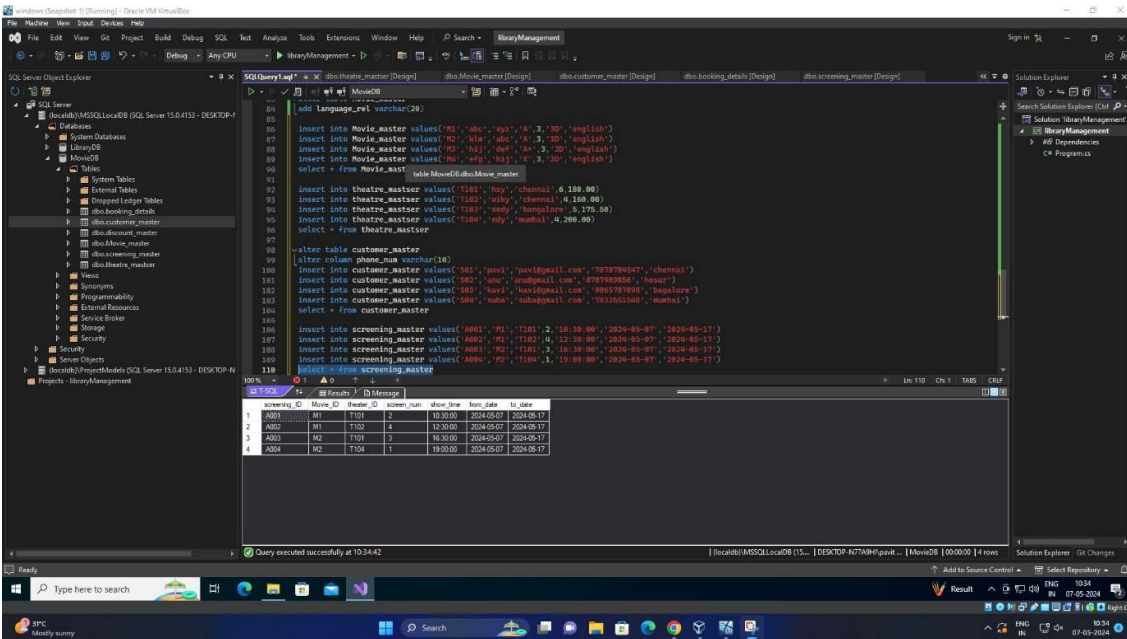
Using select command we can see that



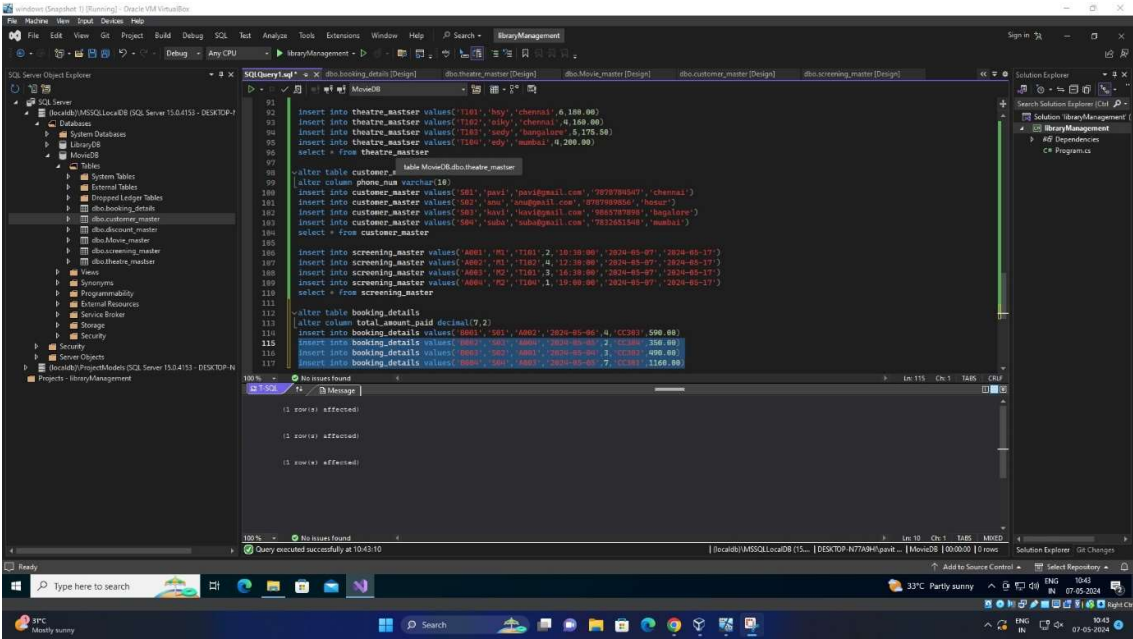
Now screening_master table is inserted



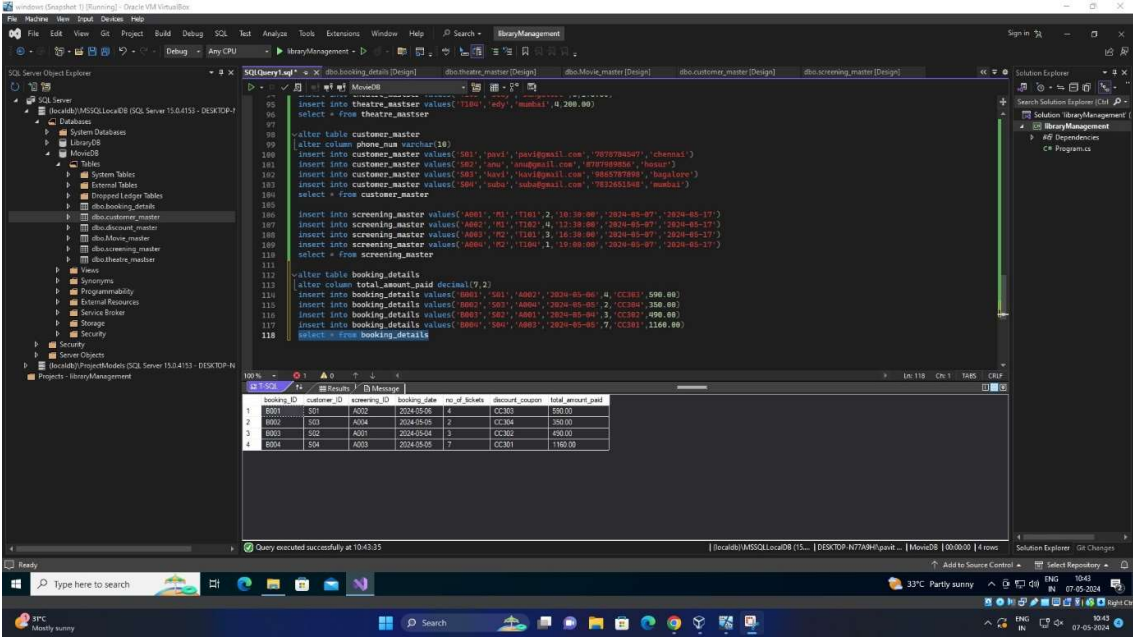
Using select command we can see that



Now booking_details table is inserted the values



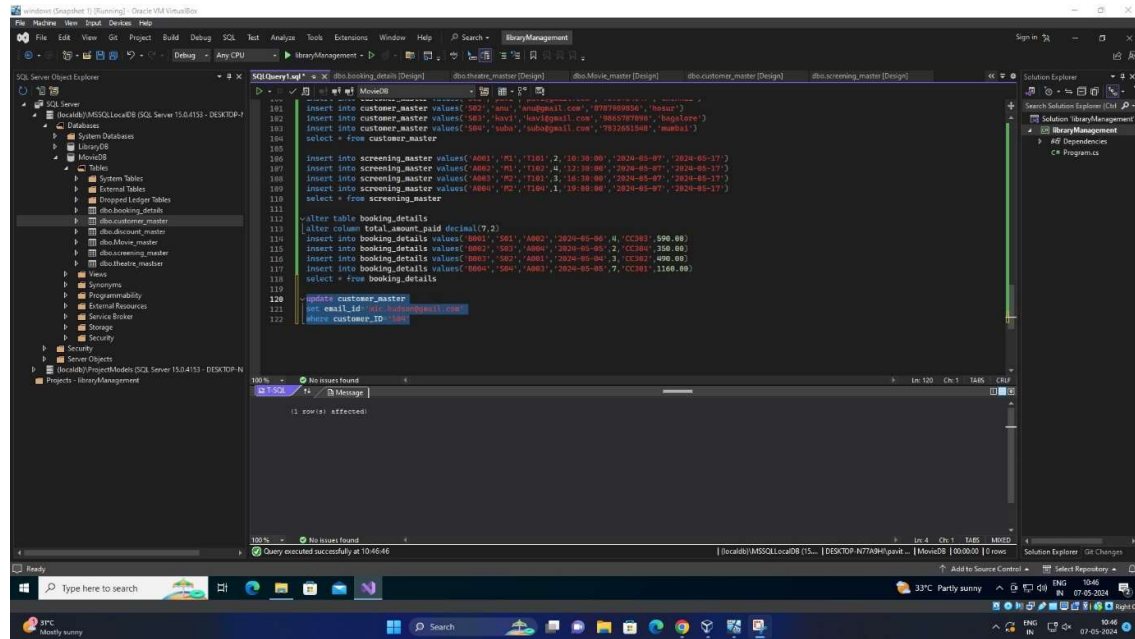
Using select command we can see that



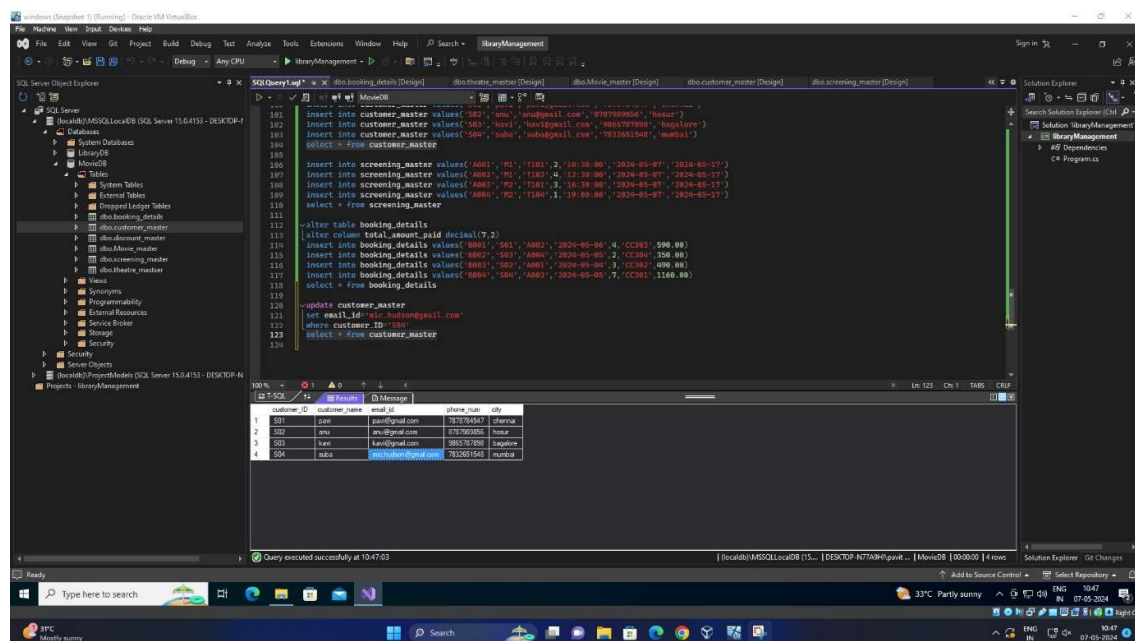
Update the email address of the customer whose id is 's1006' to the new email address 'mic.hudson@gmail.com'

Using update command along with where clause it is achieved

Update table-name set column-name="***" where id="***"



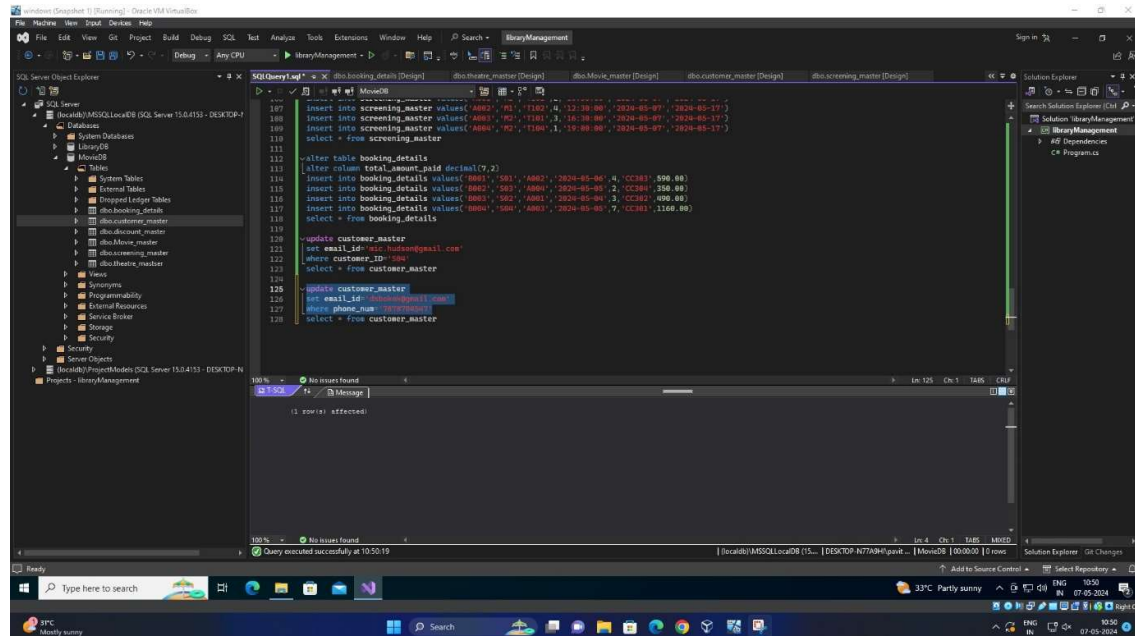
Using select command we can see that



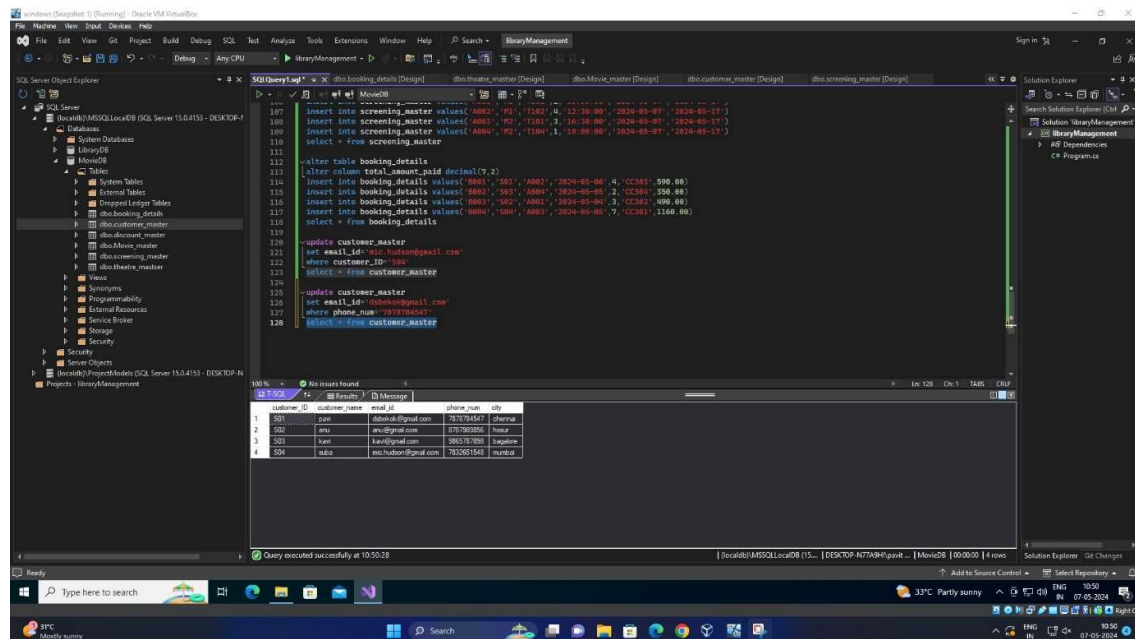
Update email id of customer where phone number is 7899877899

This is also achieved by update command in the same way

Update table-name set column-name="*" where phone_num="***"**



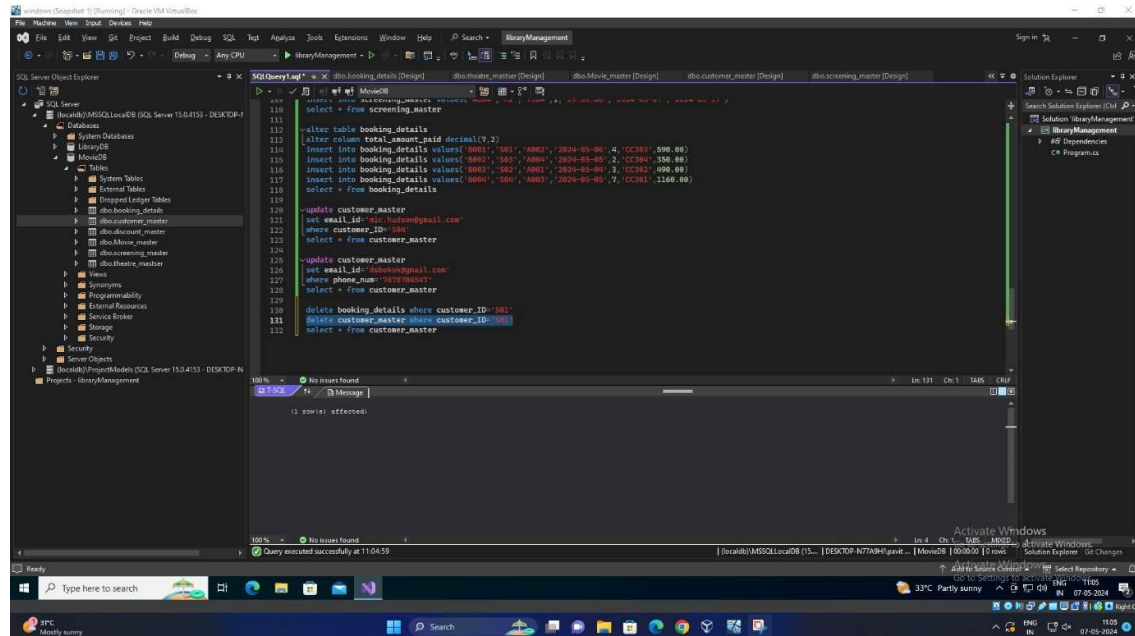
Using select command we can see that



Delete customer with id 100

Using delete command we can implement it along with where clause

Delete table-name where id="**"



Using select command we can see that

