Green University of Bangladesh
Department of Computer Science and Engineering (CSE)

Faculty of Sciences and Engineering
Semester: (Fall, Year: 2022), B.Sc. in CSE (Evening)

LAB REPORT NO #3
Course Title: Database Lab
Course Code: CSE 206   Section: 212EA

Lab Experiment Name: Modifying MySQL databases and Updating Data in MySQL Table

Student Details

Name	ID
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Lab Date   : _ _ _ _ _ _ _ _10-11-2022 _ _ _ _ _ _ _ _ _ _
Submission Date   : _ _ _ _ _ _ _ 30-11-2022_ _ _ _ _ _ _ _ _ _
Course Teacher's Name : _ _ _ _ _ _ _ _ _ **Md. Rafiqul Islam**_ _ _ _

[For Teachers use only: **Don't Write Anything inside this box**]

Lab Report Status	
Marks: ………………………………	Signature: ....
Comments:	Date: ....

Objective(s)

• To gain the advance knowledge for modifying and updating MySQL databases.
• To implement different types of modifying statements using ADD, DROP, CHANGE and UPDATE.

Problem analysis

The modify command is used when we have to modify a column in the existing table, like add a new one, modify the datatype for a column, and drop an existing column. By using this command, we have to apply some changes to the result set field. The UPDATE statement updates data in a table. It allows you to change the values in one or more columns of a single row or multiple rows.

Procedure (Implementation in MySQL)

Database Creation:

First of all, create a Database with a Database name.
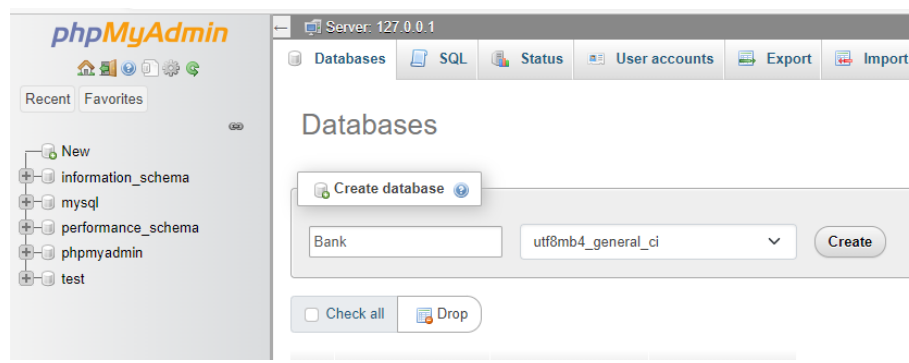
Branch Table

Table Creation:

Now, create a table named "branch" in the database Bank

Table Insertion:

To insert data in the table, we must write proper SQL commands on the SQL editor space. Suppose, we want to insert branch details in the branch table
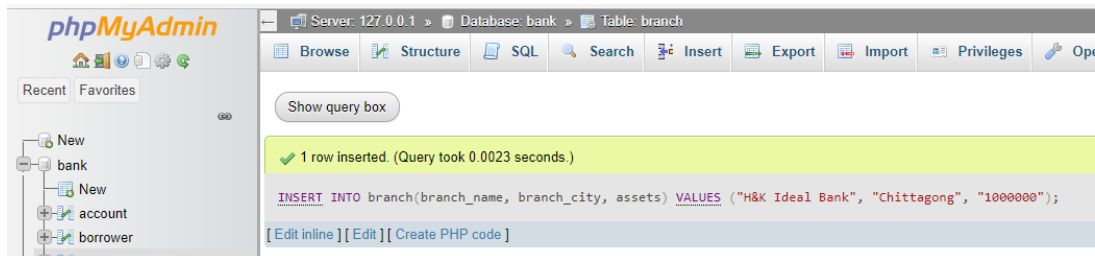
Data Browse:
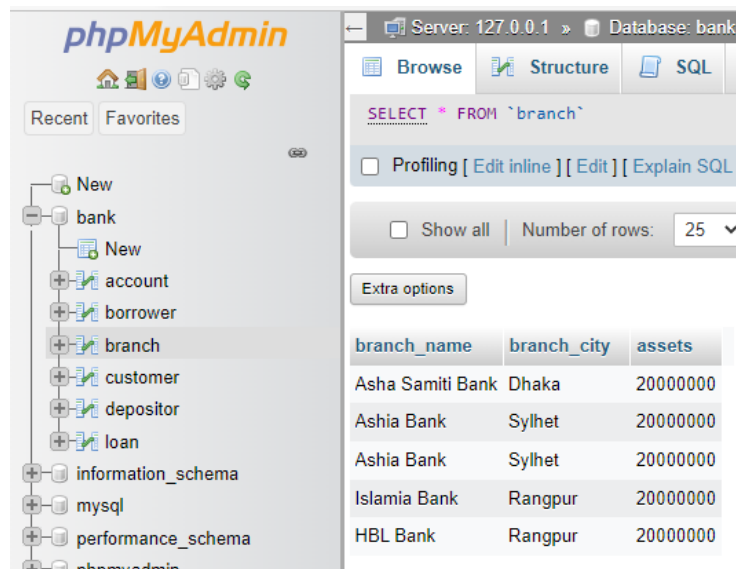
Customer Table

Table Creation:

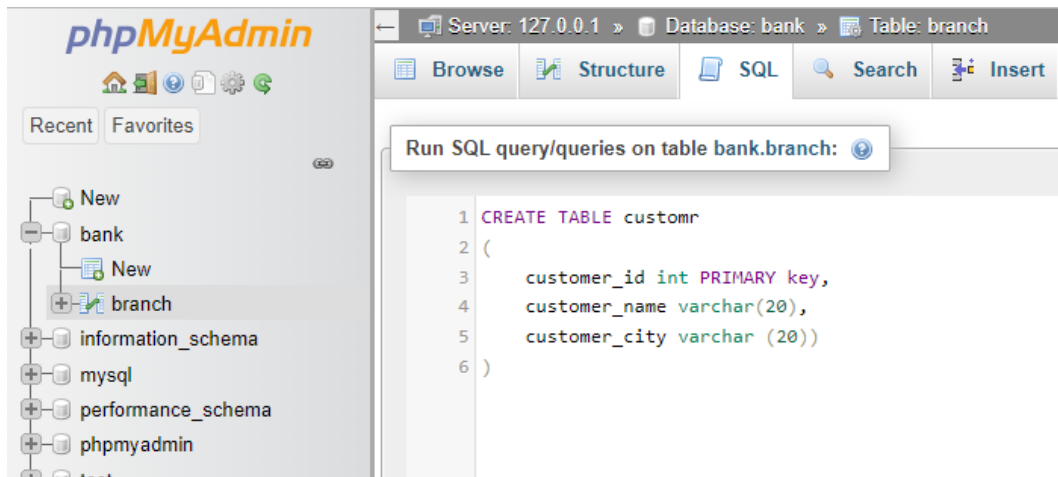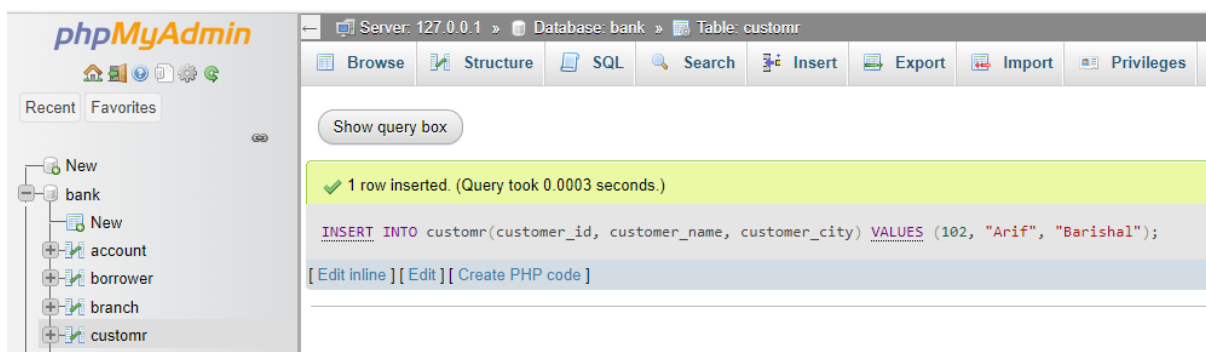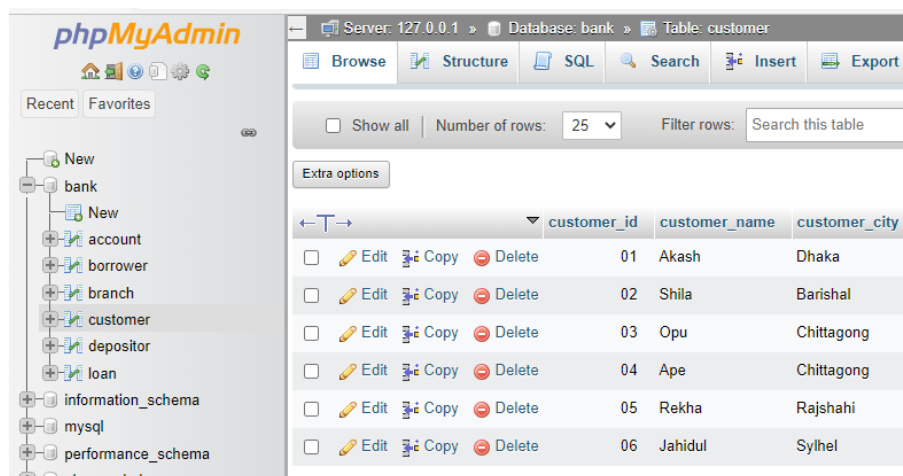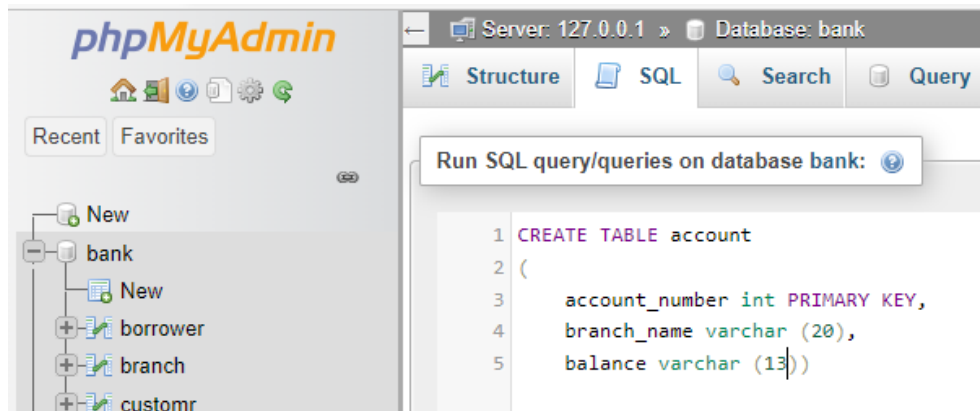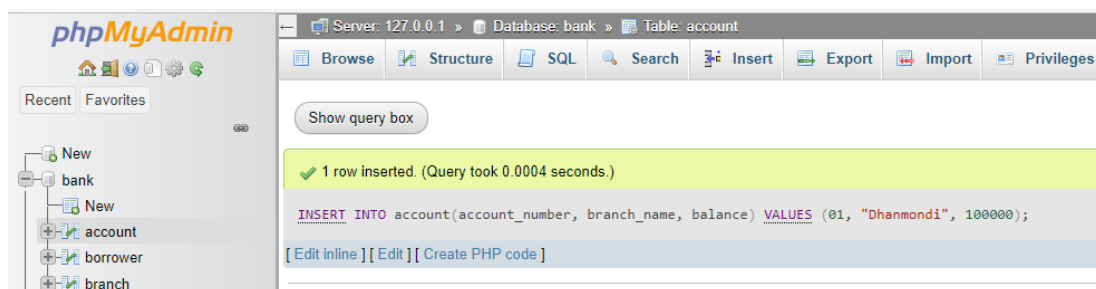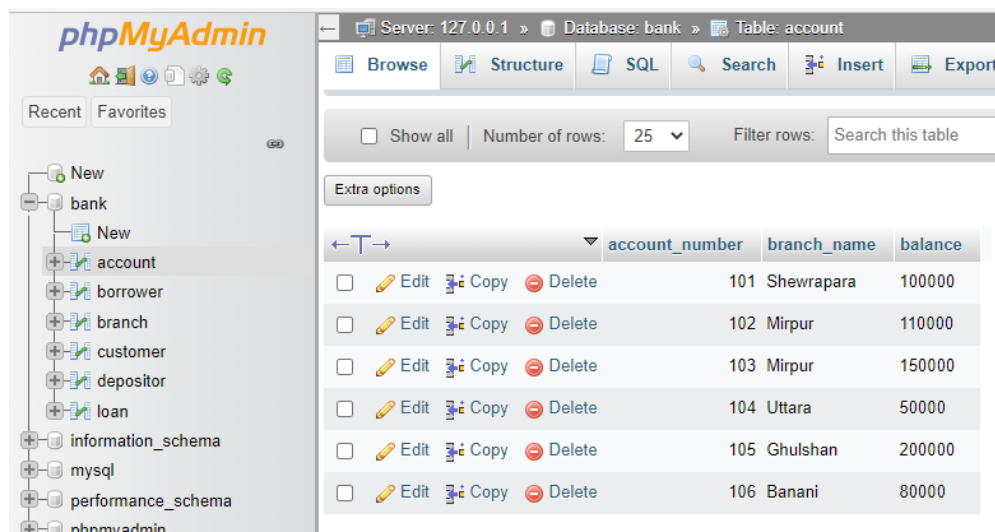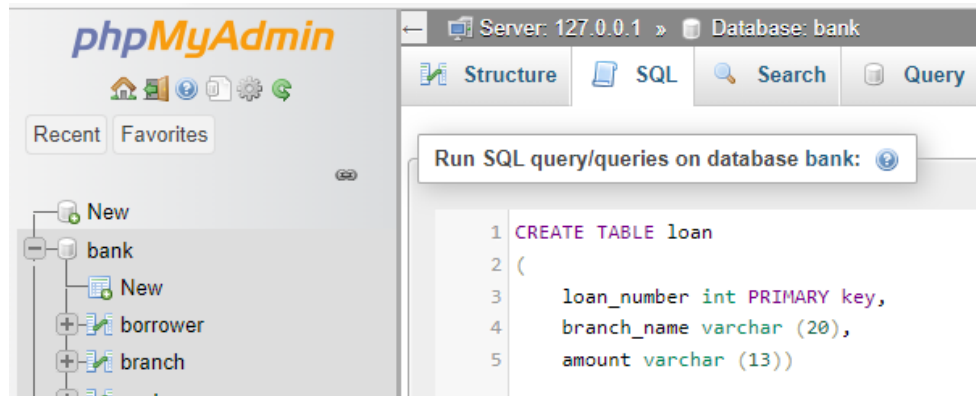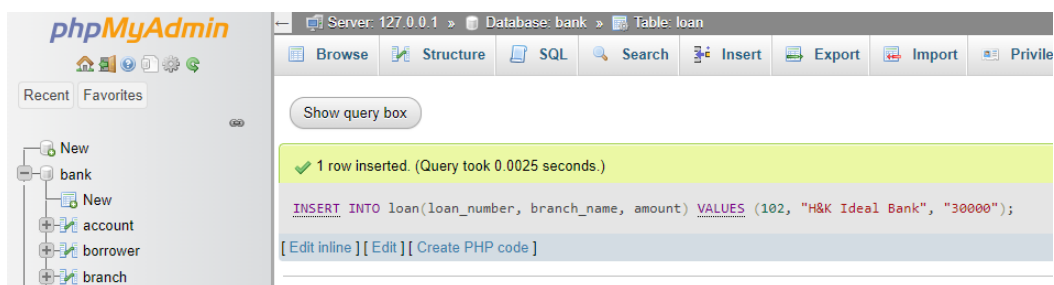Now, create a table named "customer" in the database Bank
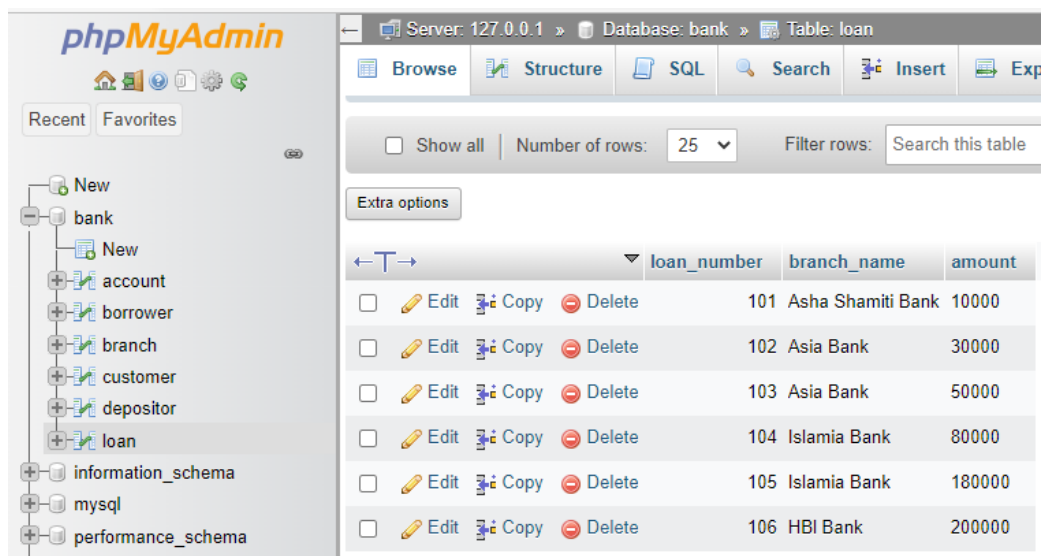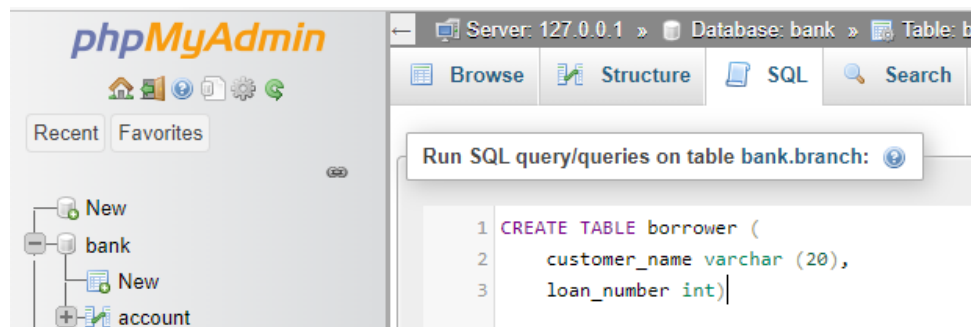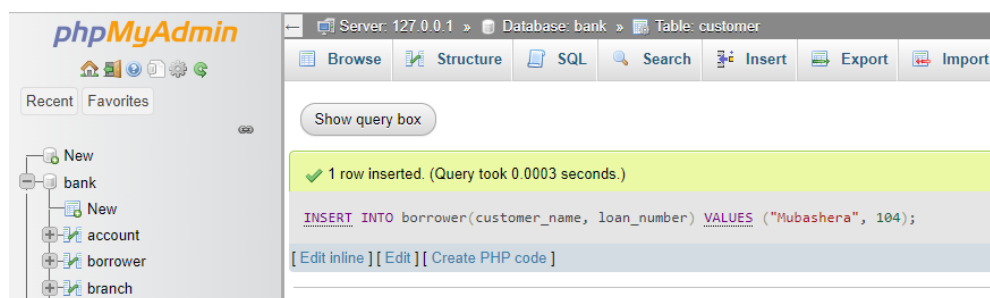
Table Insertion:

To insert data in the table, we must write proper SQL commands on the SQL editor space. Suppose, we want to insert customer details in the customer table

Data Browse:

Account Table

Table Creation:

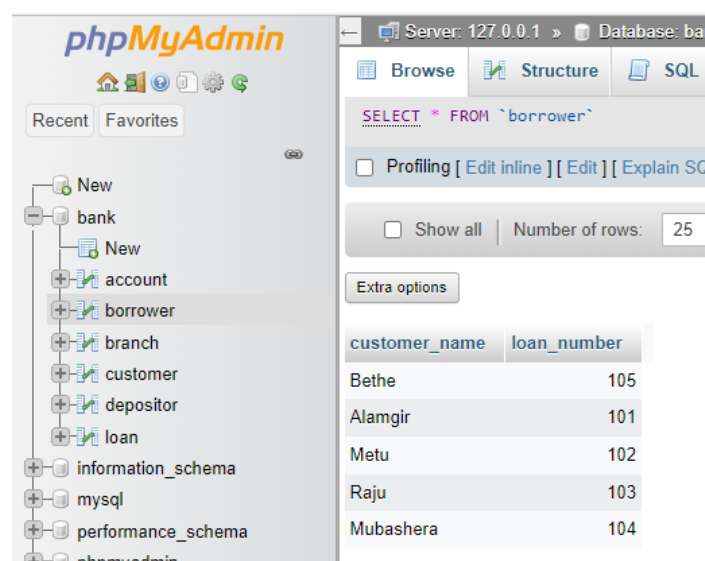Now, create a table named "account" in the database Bank
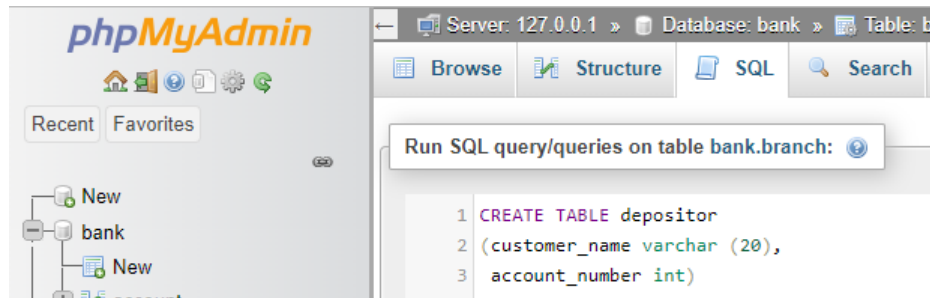

Table Insertion:

To insert data in the table, we must write proper SQL commands on the SQL editor space. Suppose, we want to insert account details in the account table

Data Browse:

Loan Table

Table Creation:
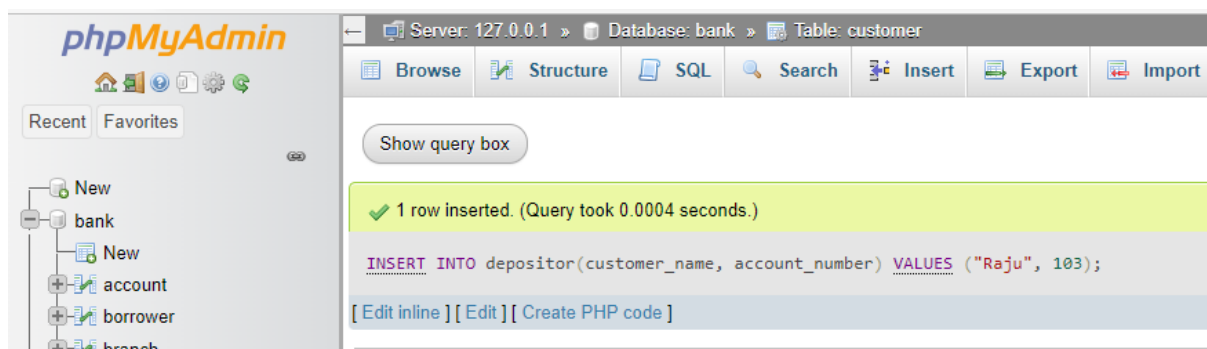
Now, create a table named "loan" in the database Bank

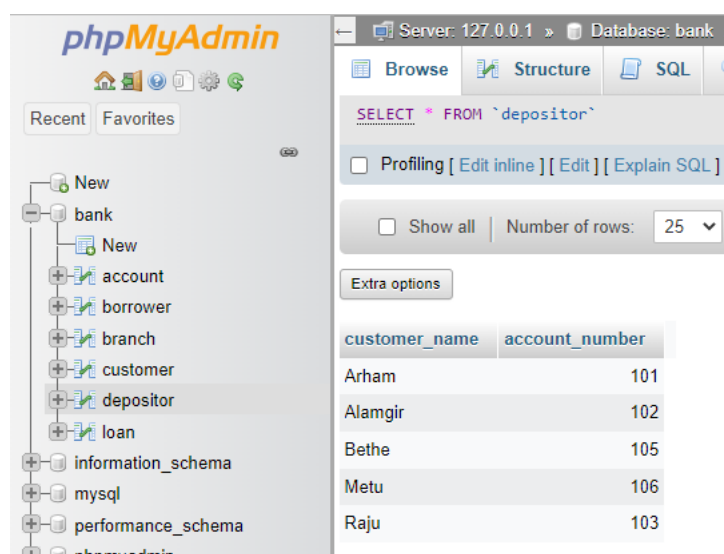## Table Insertion:

To insert data in the table, we must write proper SQL commands on the SQL editor space. Suppose, we want to insert loan details in the loan table

Data Browse:

Borrower Table

Table Creation:
Now, create a table named "borrower" in the database Bank

Table Insertion:
To insert data in the table, we must write proper SQL commands on the SQL editor space. Suppose, we want to insert borrower details in the borrower table

Data Browse:

Depositor Table

Table Creation:

Now, create a table named "depositor" in the database Bank
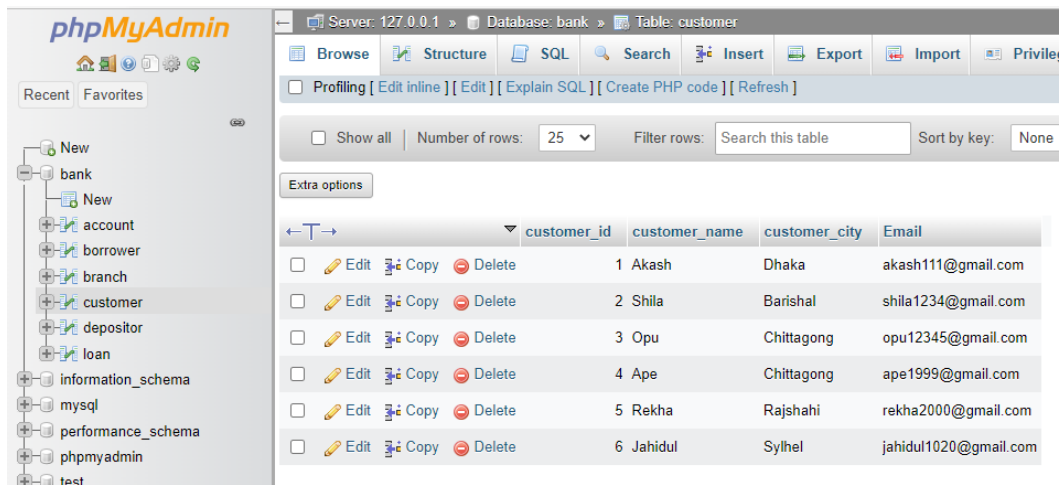

Table Insertion:

To insert data in the table, we must write proper SQL commands on the SQL editor space. Suppose, we want to insert depositor details in the depositor table
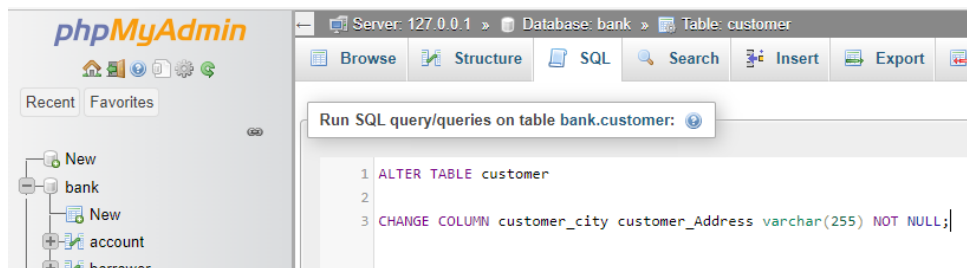

Data Browse:

➢ **Add column Email in customer table**
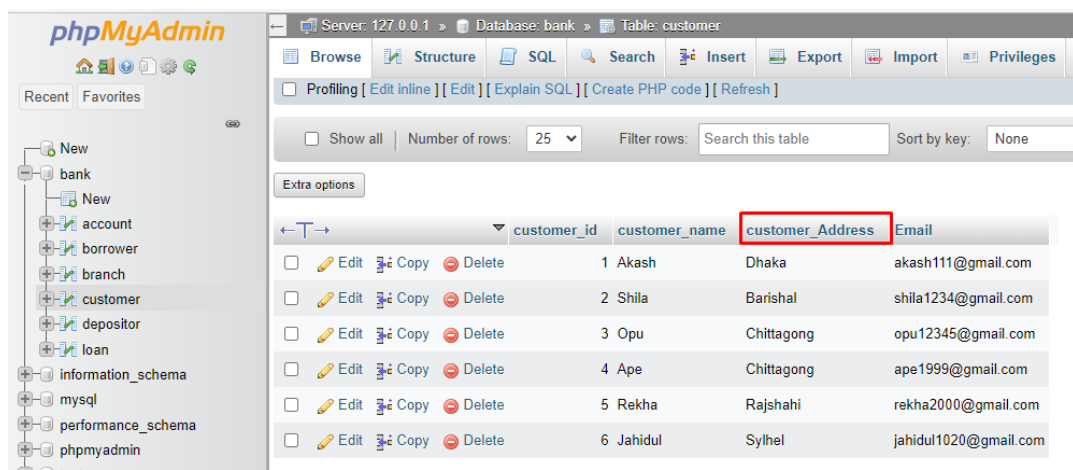
➢ Change the name of column name customer_city

Data Browse:

Discussion & Conclusion

Based on the focused objective to understand about the knowledge of ALTER, ADD, DROP,CHANGE and UPDATE

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commands a real life object. And the lab exercise made students more confident towards the fulfilment of the objectives.