

# Lab3- Create Database and tables using SQL commands and MAMP

Akilandeshwari Srinivasan

451036

CLCM3403

02-10-2023

## Description:

- Create a database for a customer management using SQL Commands in MAMP.

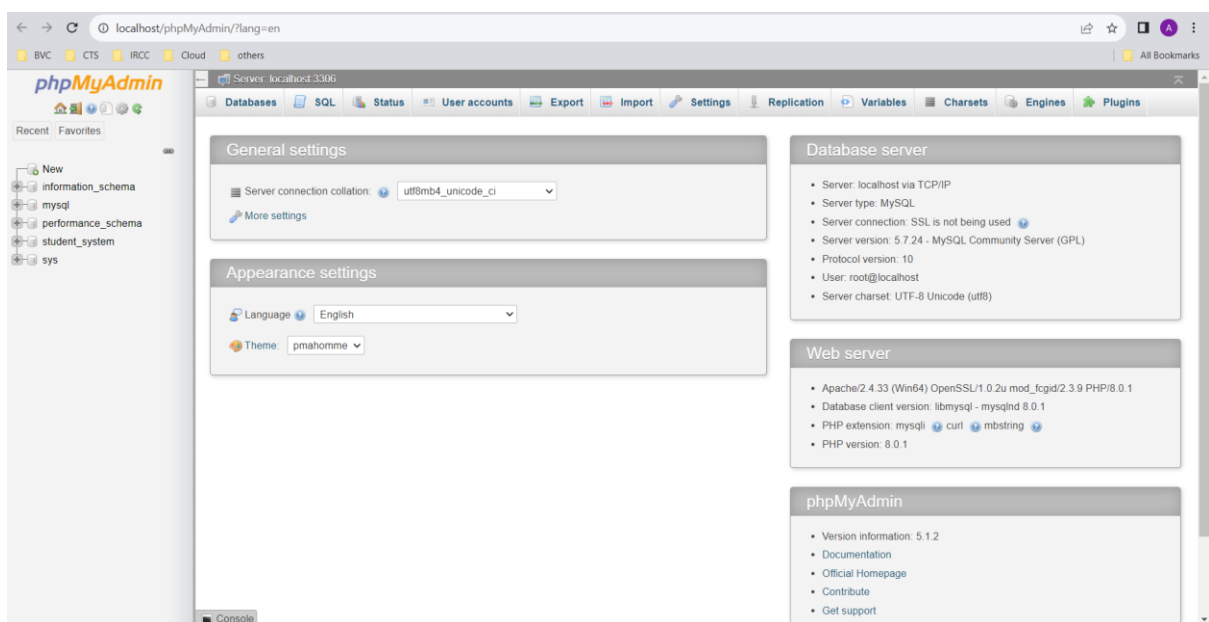
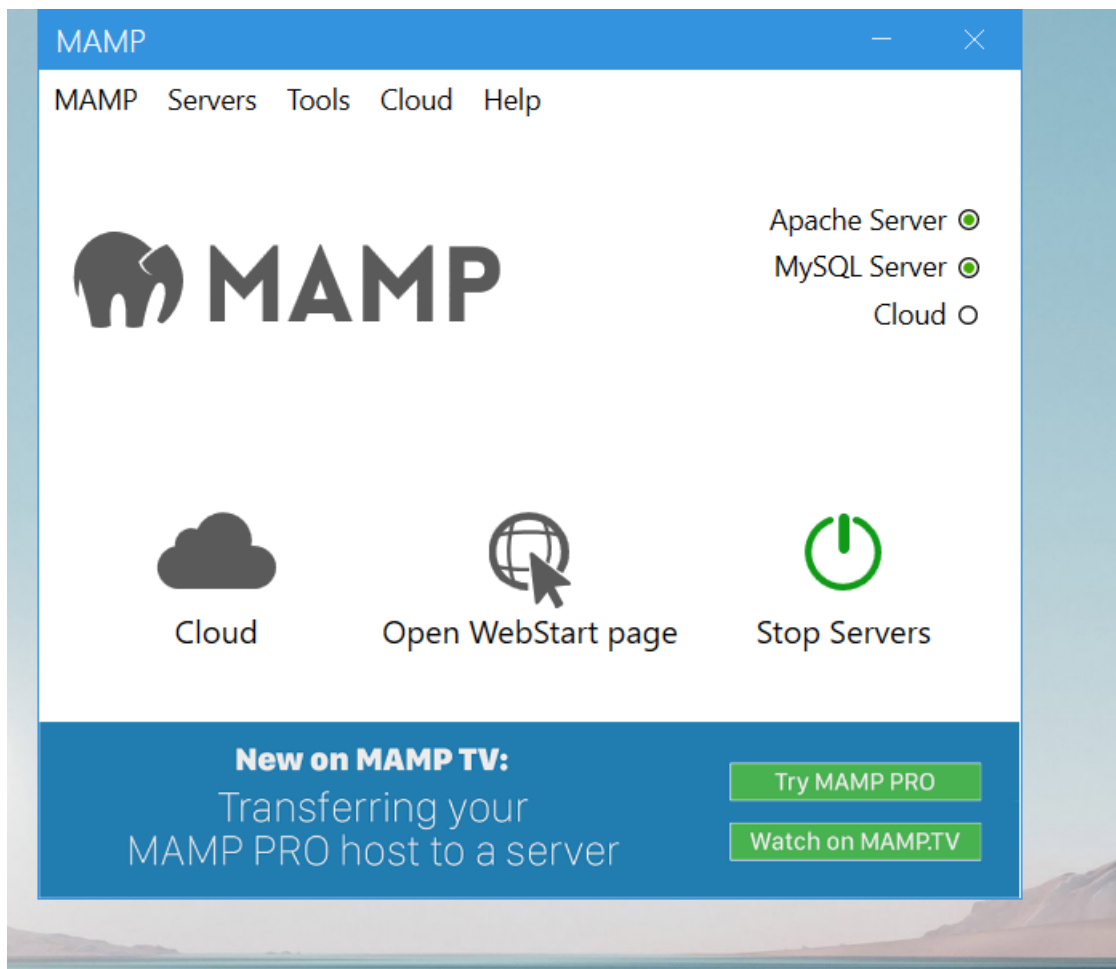
## Preparation:

- Open a MAMP and start the server.
- Open webstart page and create database.
- Once its created create the appropriate tables and insert values into them.
- Then grant the privileges to the user.

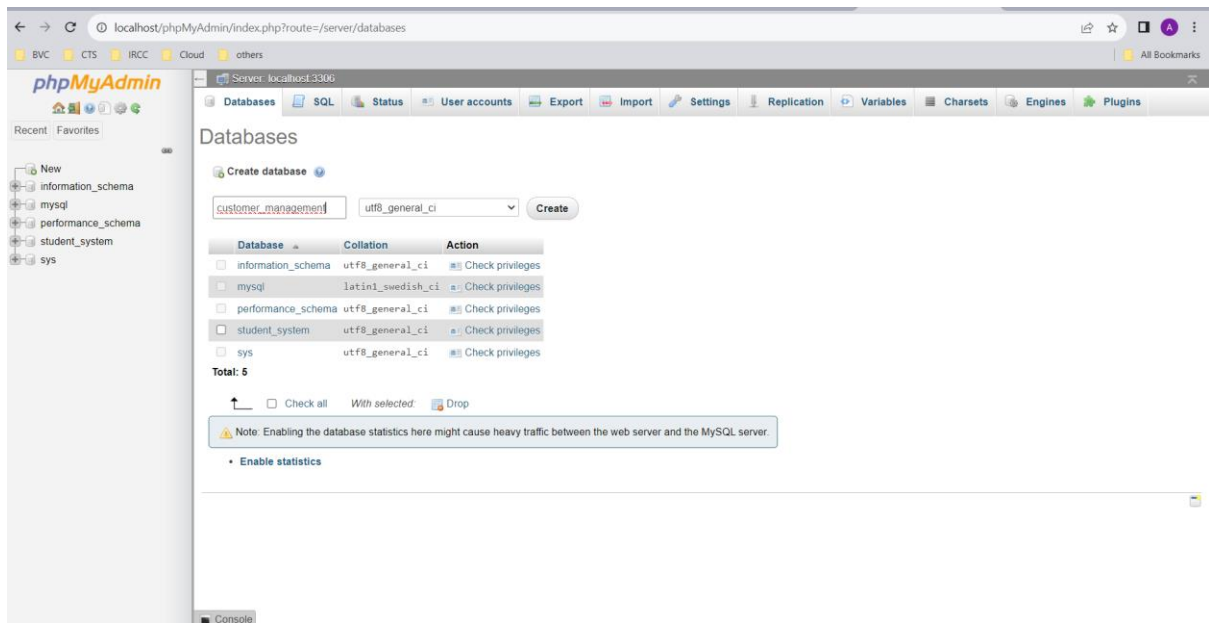
## Observation:

SQL commands are easy to understand and readable; Faced some difficulties while inserting the values because of duplicate values. Later deleted the duplicate values in table structure. Now inserting and deleting values are easy and can be done by both code and in structure.

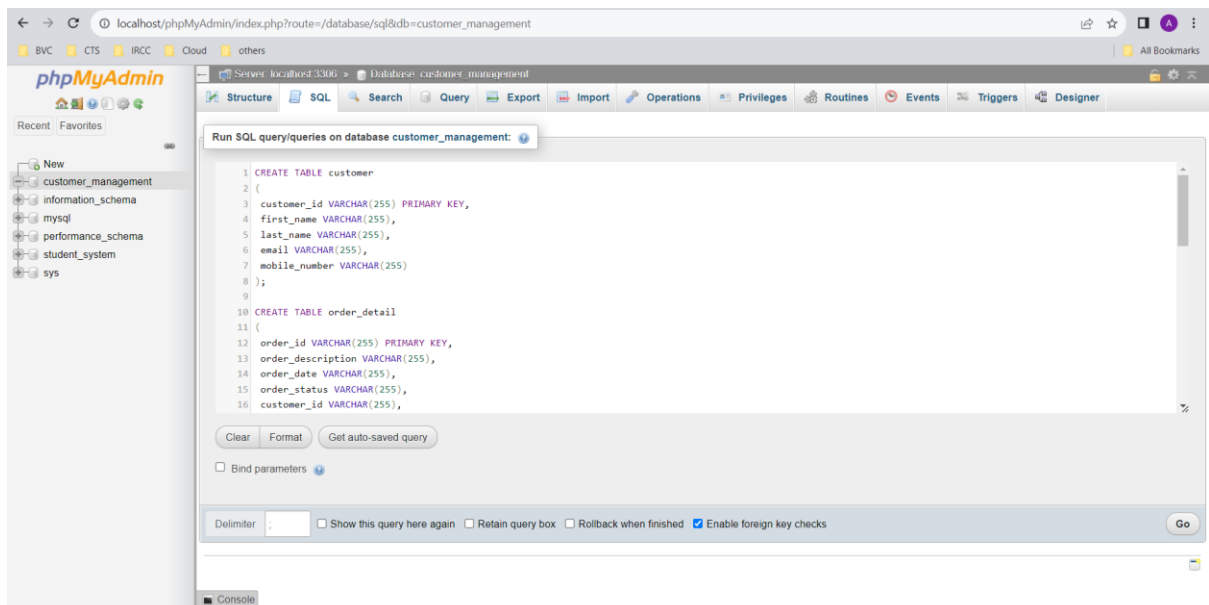
## Screenshots:

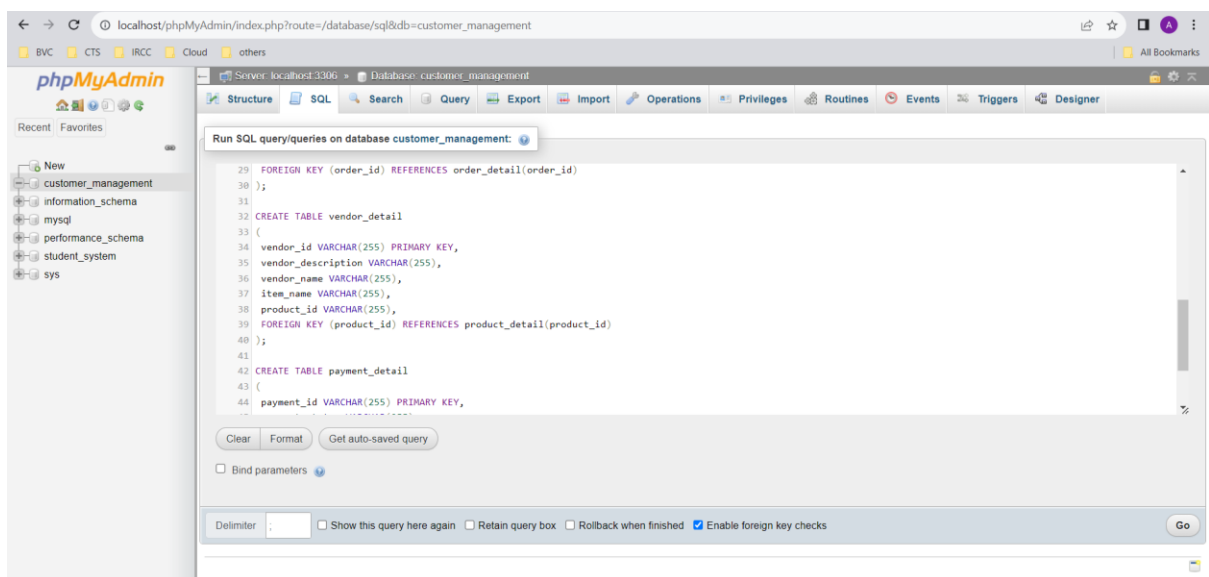
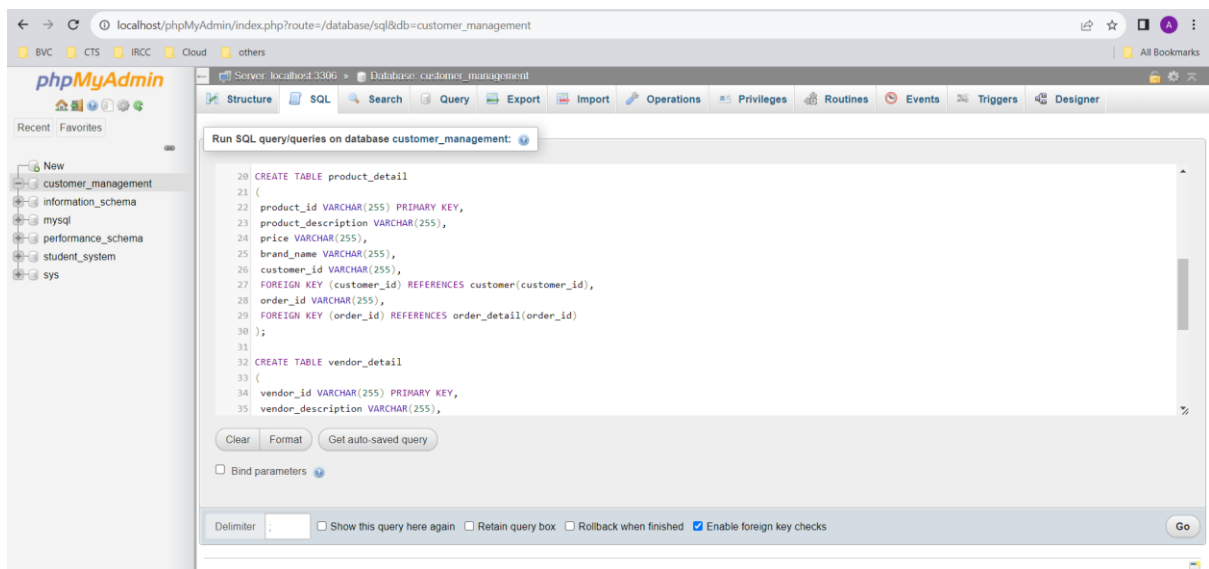
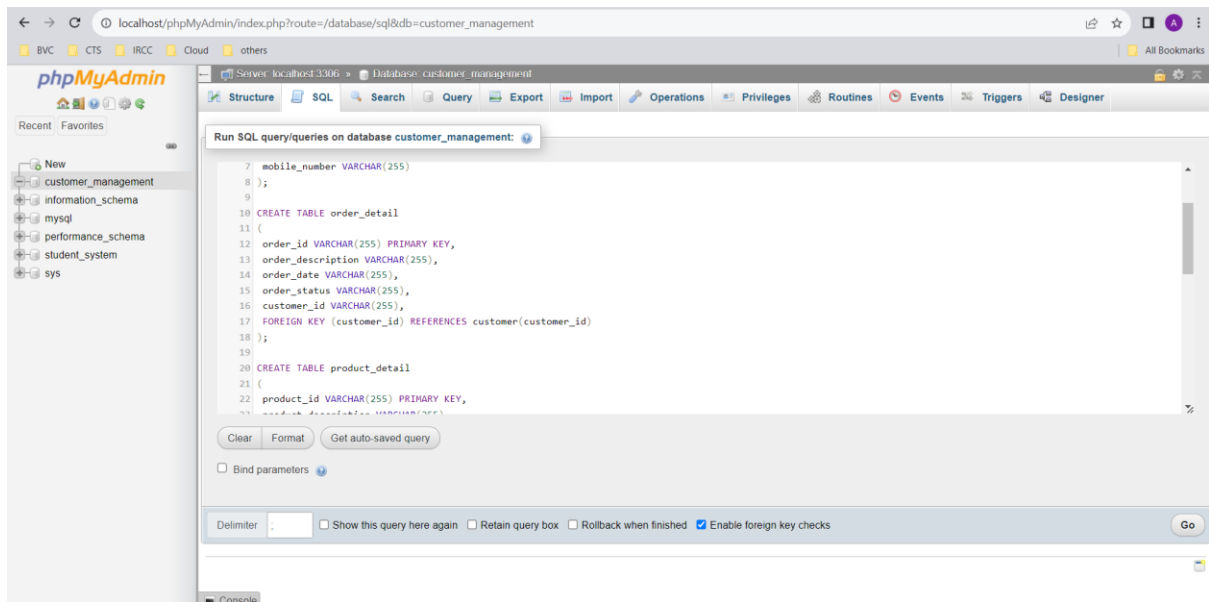


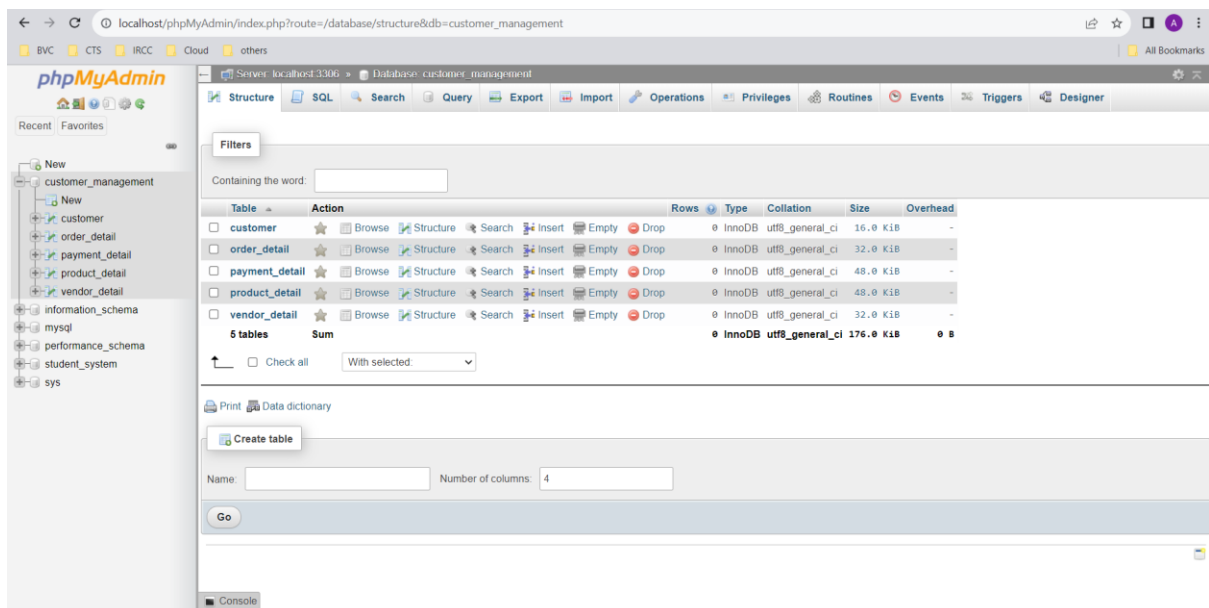
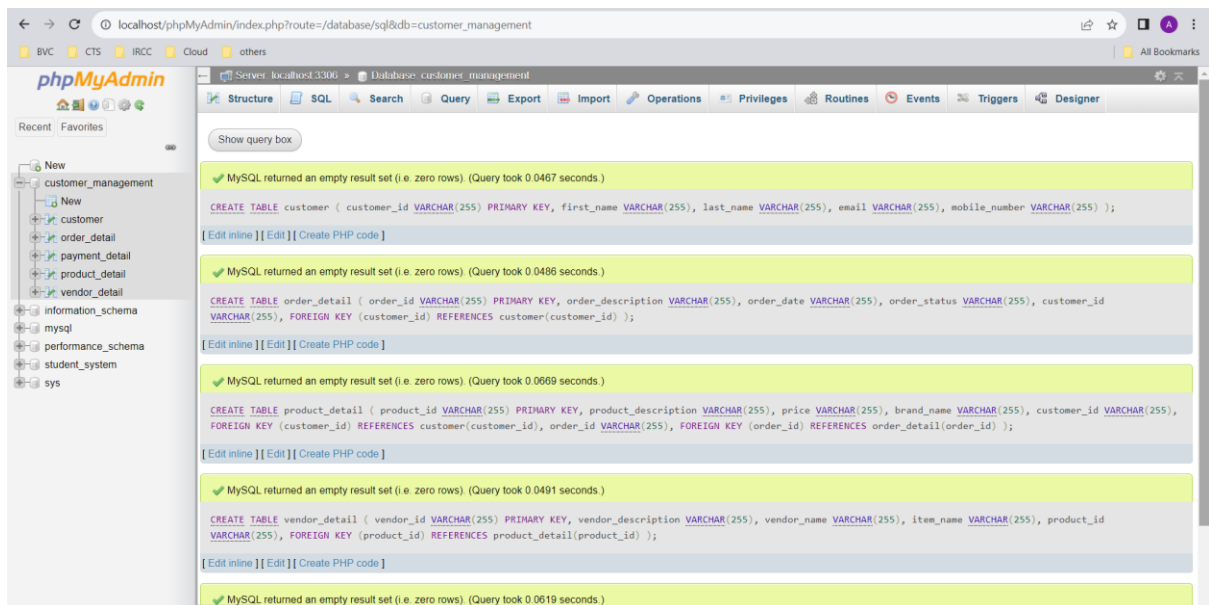
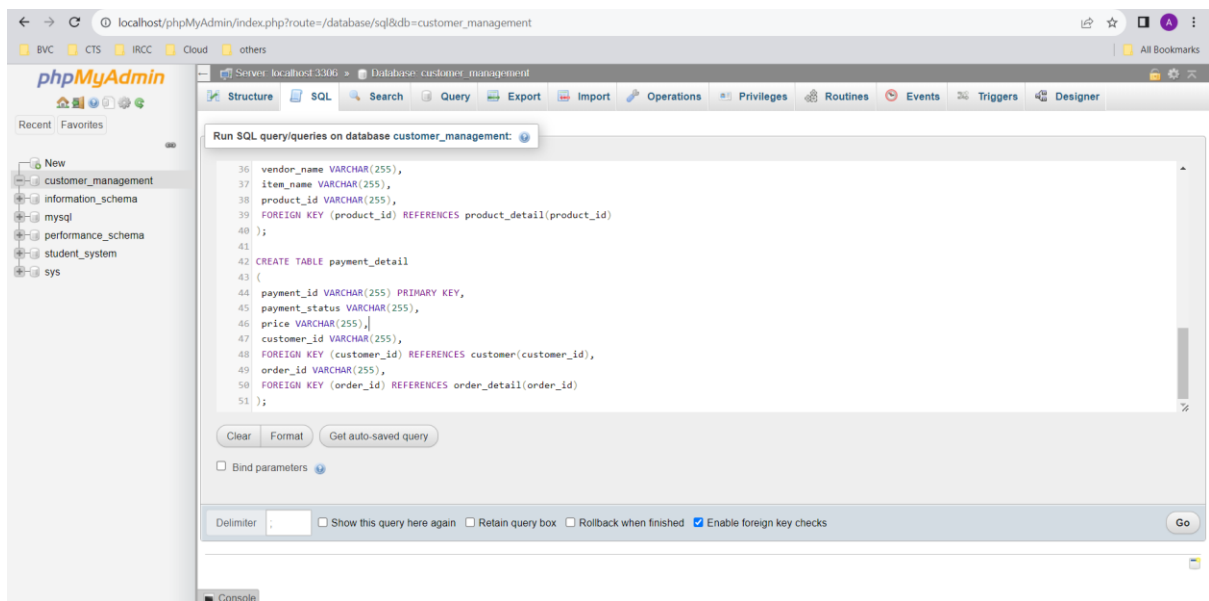
## Create a database for customer management:



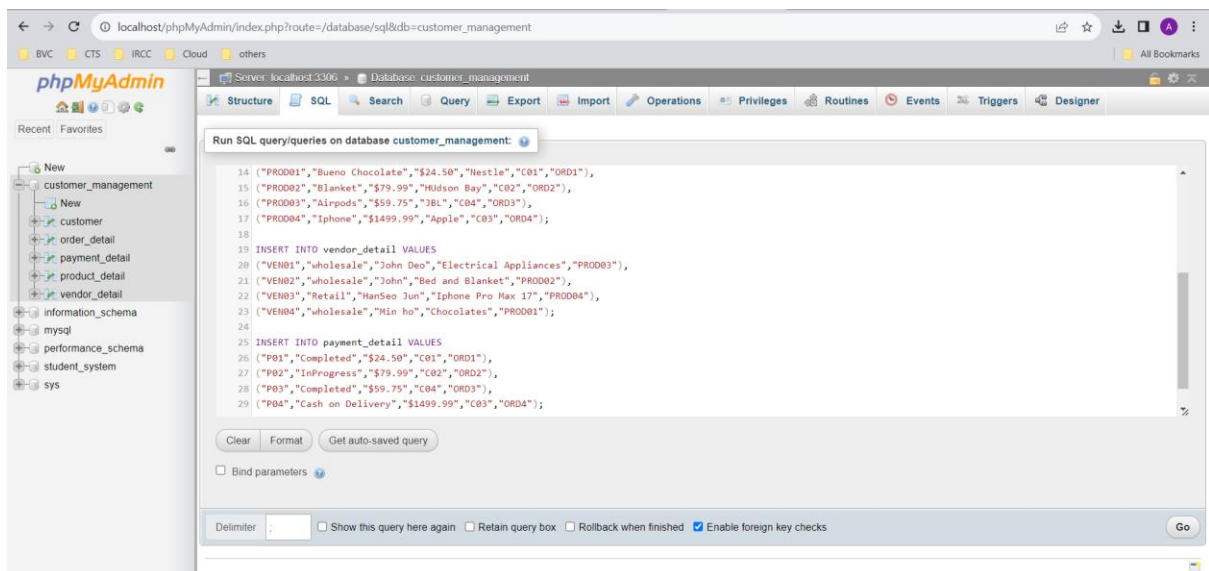
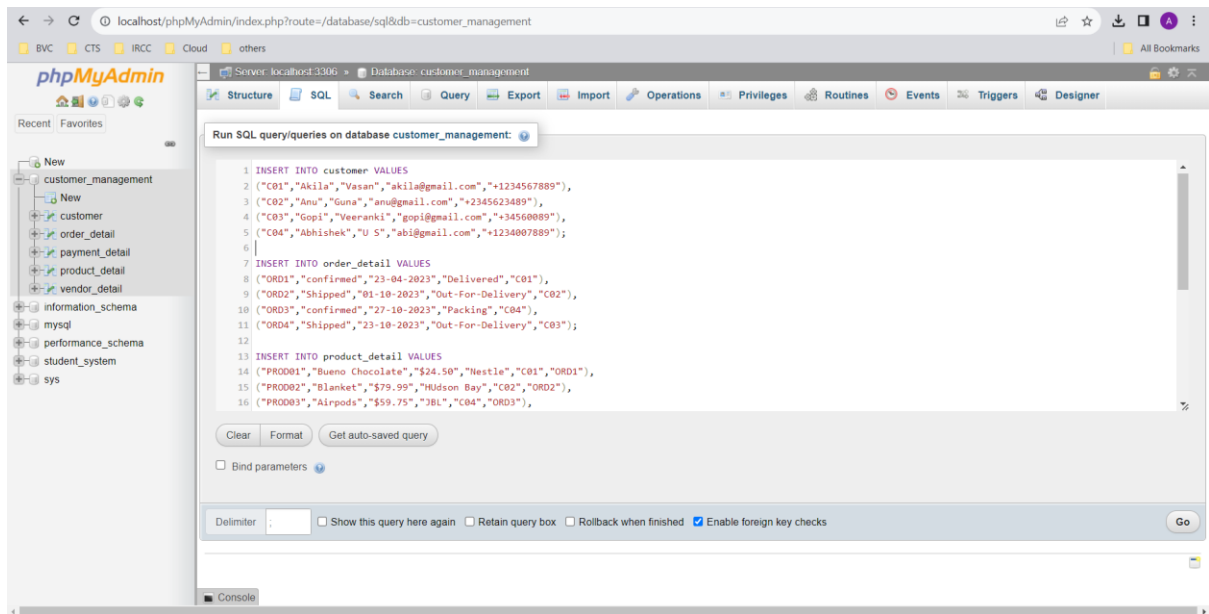
## Create appropriate Tables into the database:

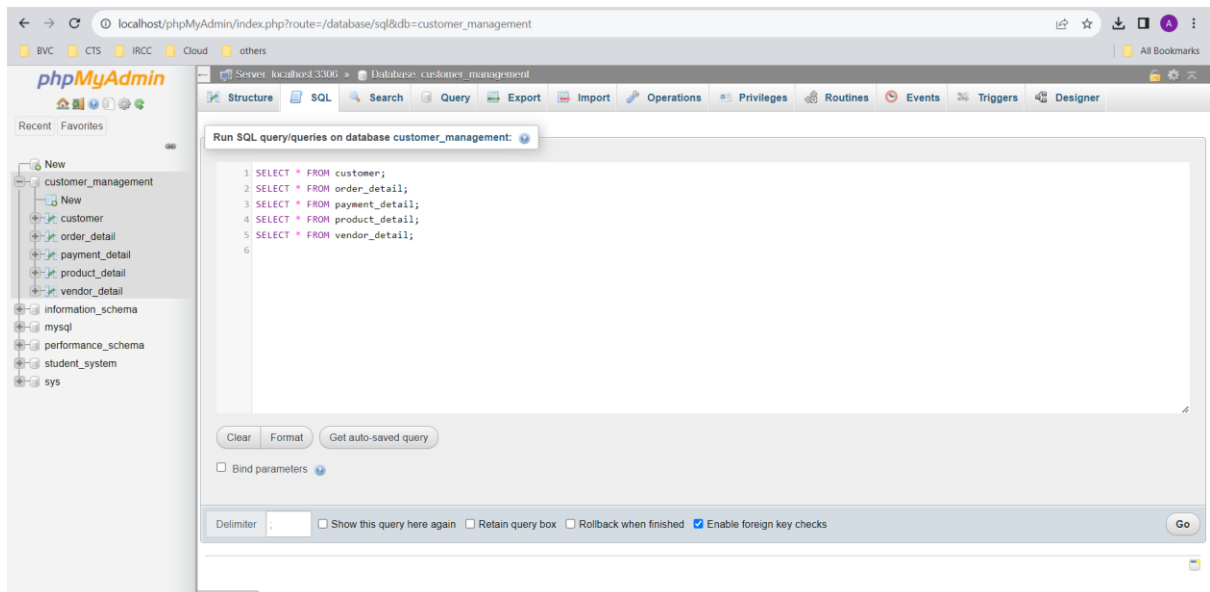
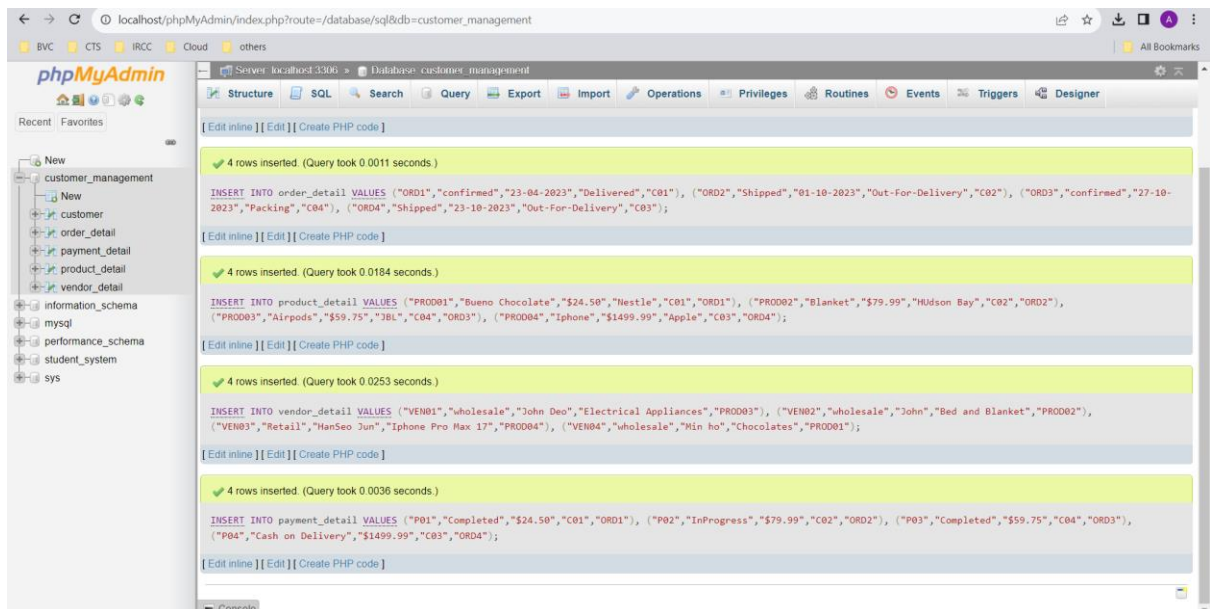
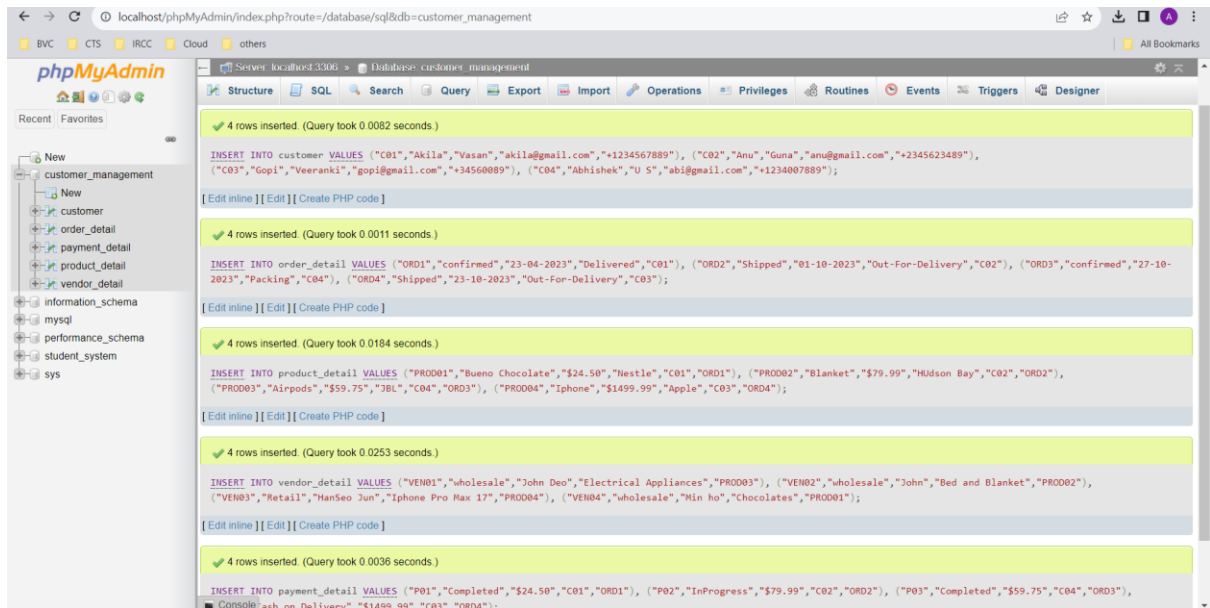






## Insert values into tables :





localhost/phpMyAdmin/index.php?route=/database/sql&db=customer\_management

Server: localhost:3306 » Database: customer\_management » Table: vendor\_detail

Showing rows 0 - 3 (4 total, Query took 0.0020 seconds)

```
SELECT * FROM customer;
```

Options

|   | customer_id | first_name | last_name | email           | mobile_number |
|---|-------------|------------|-----------|-----------------|---------------|
| <input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete | C01         | Akila      | Vasan     | akila@gmail.com | +1234567889   |
| <input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete | C02         | Anu        | Guna      | anu@gmail.com   | +2345623489   |
| <input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete | C03         | Gopi       | Veeranki  | gopi@gmail.com  | +34560089     |
| <input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete | C04         | Abhishek   | U S       | abhi@gmail.com  | +1234007889   |

Query results operations

Showing rows 0 - 3 (4 total, Query took 0.0021 seconds)

localhost/phpMyAdmin/index.php?route=/database/sql&db=customer\_management

Server: localhost:3306 » Database: customer\_management » Table: vendor\_detail

Showing rows 0 - 3 (4 total, Query took 0.0021 seconds)

```
SELECT * FROM order_detail;
```

Options

|   | order_id | order_description | order_date | order_status     | customer_id |
|---|----------|-------------------|------------|------------------|-------------|
| <input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete | ORD1     | confirmed         | 23-04-2023 | Delivered        | C01         |
| <input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete | ORD2     | Shipped           | 01-10-2023 | Out-For-Delivery | C02         |
| <input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete | ORD3     | confirmed         | 27-10-2023 | Packing          | C04         |
| <input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete | ORD4     | Shipped           | 23-10-2023 | Out-For-Delivery | C03         |

Query results operations

Showing rows 0 - 3 (4 total, Query took 0.0019 seconds)

```
SELECT * FROM payment_detail;
```



localhost/phpMyAdmin/index.php?route=/database/sql&db=customer\_management

Server: localhost:3306 \* Database: customer\_management \* Table: vendor\_detail

Showing rows 0 - 3 (4 total, Query took 0.0019 seconds)

```
SELECT * FROM payment_detail;
```

Options

|                          | payment_id | payment_status   | price     | customer_id | order_id |
|--------------------------|------------|------------------|-----------|-------------|----------|
| <input type="checkbox"/> | P01        | Completed        | \$24.50   | C01         | ORD1     |
| <input type="checkbox"/> | P02        | InProgress       | \$79.99   | C02         | ORD2     |
| <input type="checkbox"/> | P03        | Completed        | \$59.75   | C04         | ORD3     |
| <input type="checkbox"/> | P04        | Cash on Delivery | \$1499.99 | C03         | ORD4     |

Query results operations

Showing rows 0 - 3 (4 total, Query took 0.0018 seconds)

```
SELECT * FROM product_detail;
```

localhost/phpMyAdmin/index.php?route=/database/sql&db=customer\_management

Server: localhost:3306 \* Database: customer\_management \* Table: vendor\_detail

Showing rows 0 - 3 (4 total, Query took 0.0018 seconds)

```
SELECT * FROM product_detail;
```

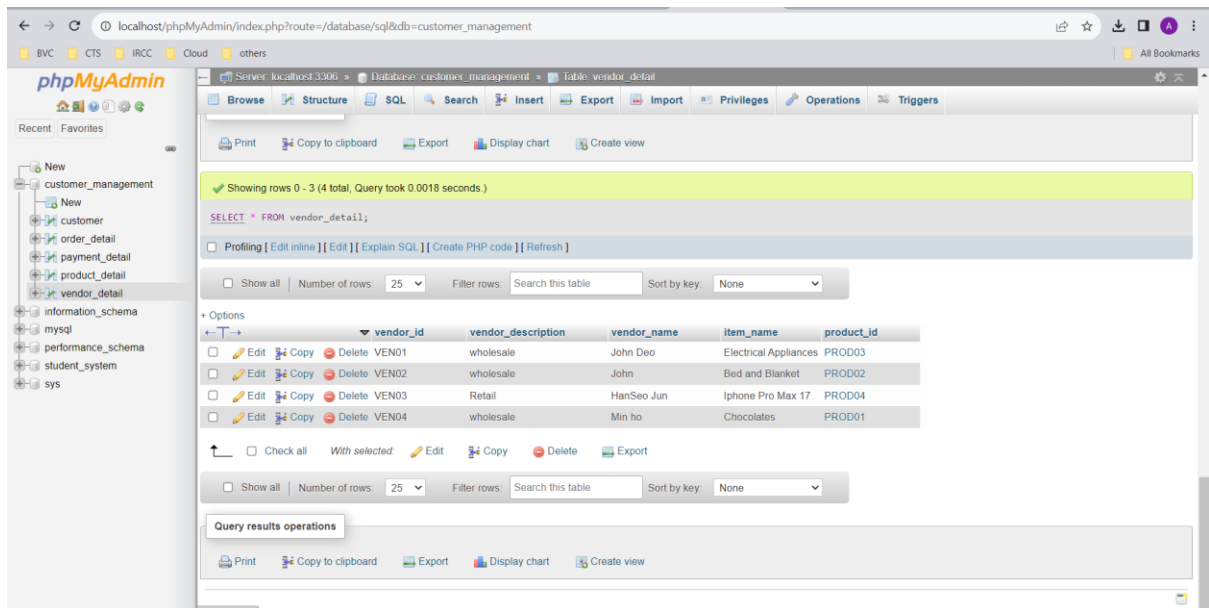
Options

|                          | product_id | product_description | price     | brand_name | customer_id | order_id |
|--------------------------|------------|---------------------|-----------|------------|-------------|----------|
| <input type="checkbox"/> | PROD01     | Bueno Chocolate     | \$24.50   | Nestle     | C01         | ORD1     |
| <input type="checkbox"/> | PROD02     | Blanket             | \$79.99   | Hudson Bay | C02         | ORD2     |
| <input type="checkbox"/> | PROD03     | Airpods             | \$59.75   | JBL        | C04         | ORD3     |
| <input type="checkbox"/> | PROD04     | Iphone              | \$1499.99 | Apple      | C03         | ORD4     |

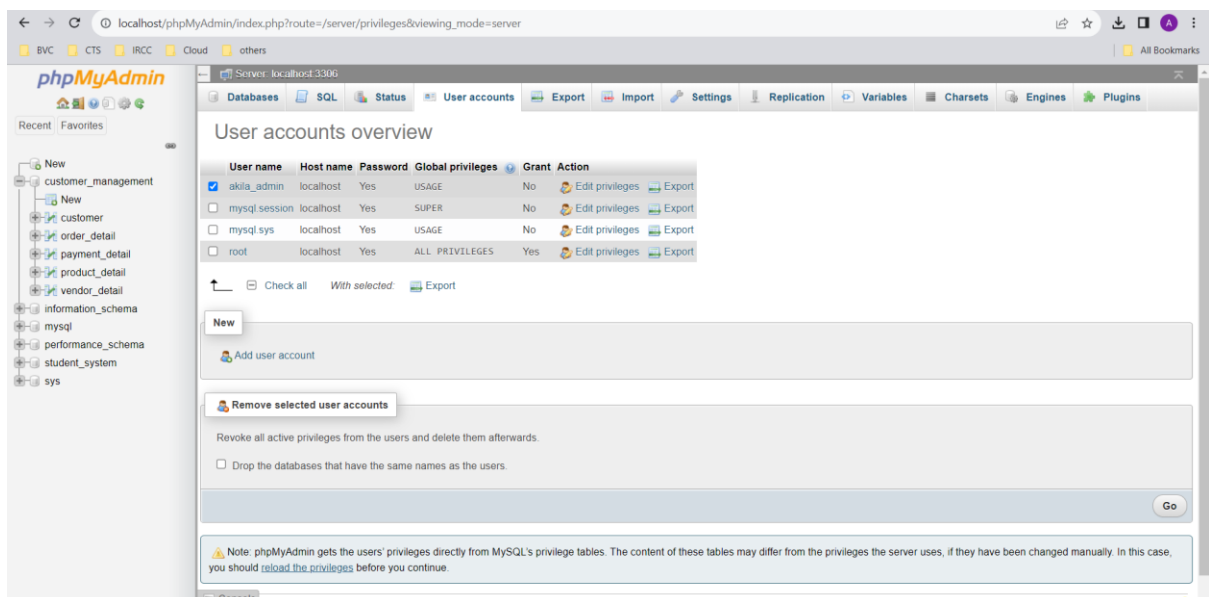
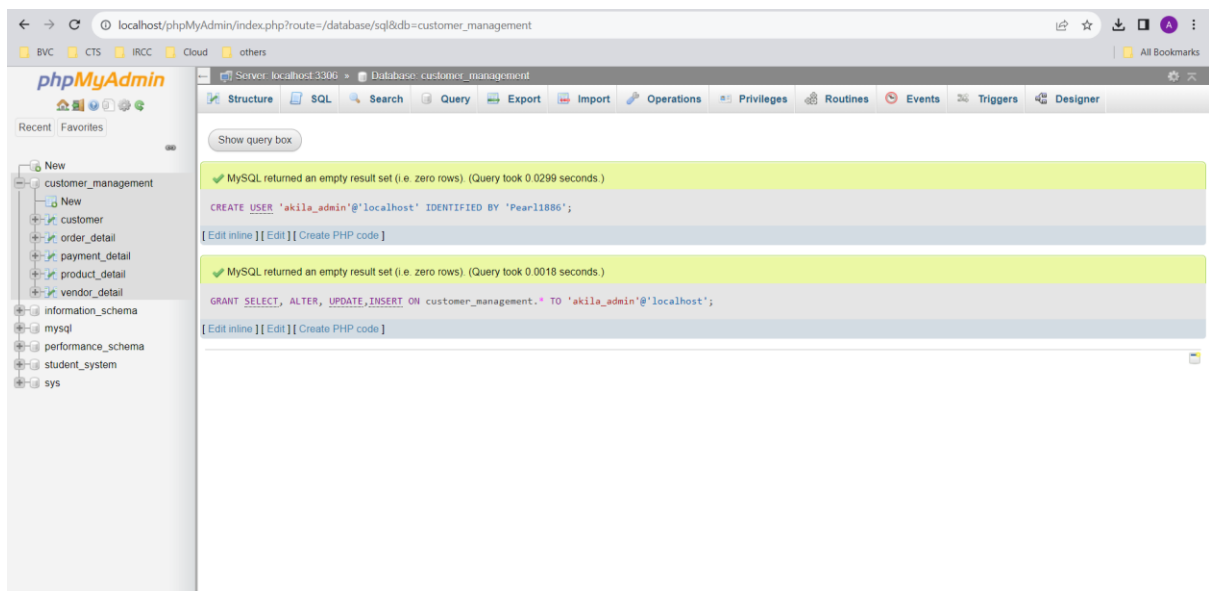
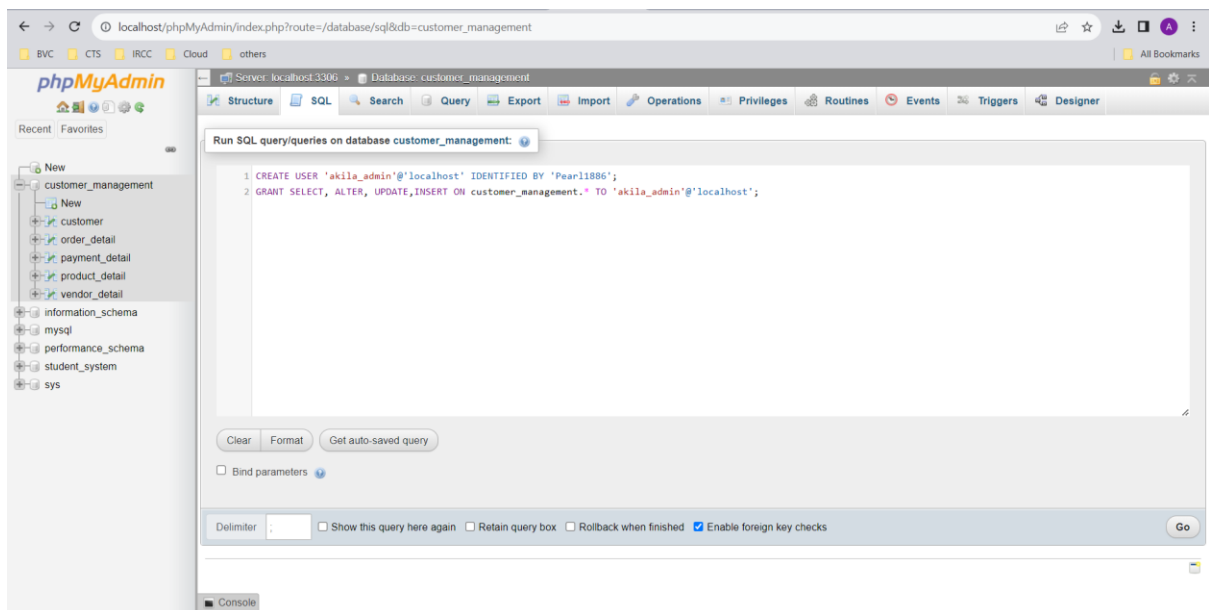
Query results operations

Showing rows 0 - 3 (4 total, Query took 0.0018 seconds)

```
SELECT * FROM vendor_detail;
```



Grant access to update, insert, delete:



## References:

W3schools