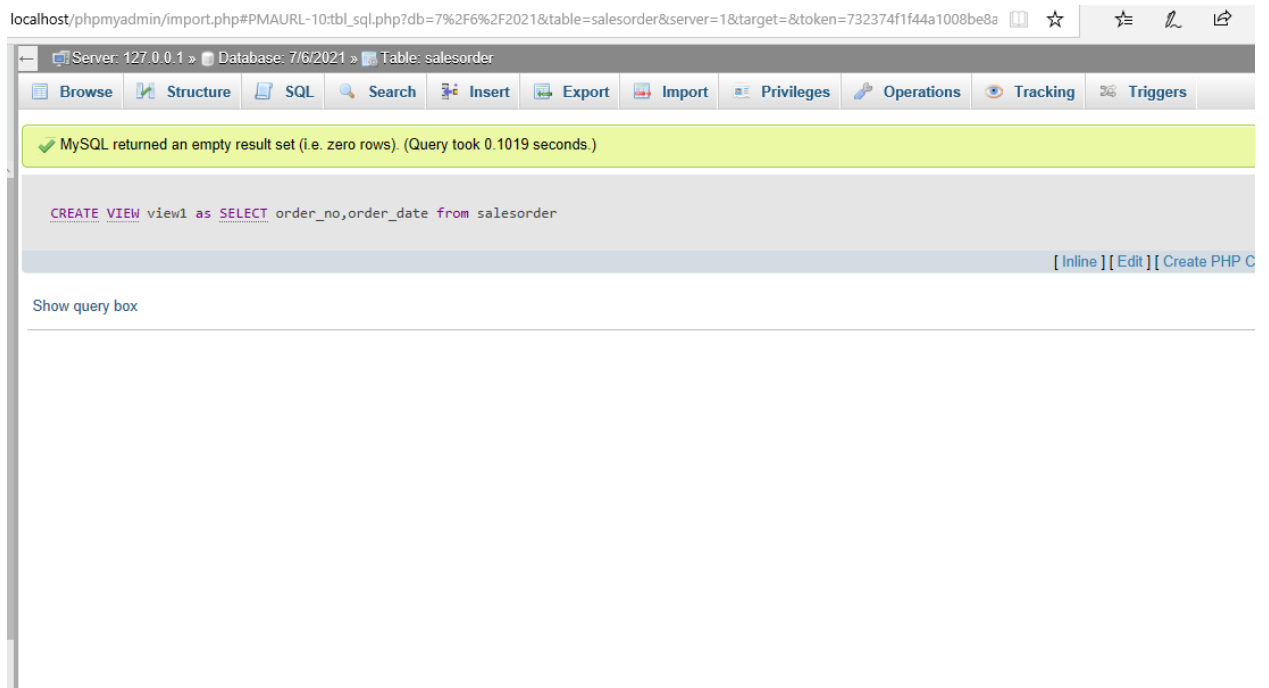# Experiment10:14/6/2021

1. **Create a view view1 from salesorder with (order number,order date)**

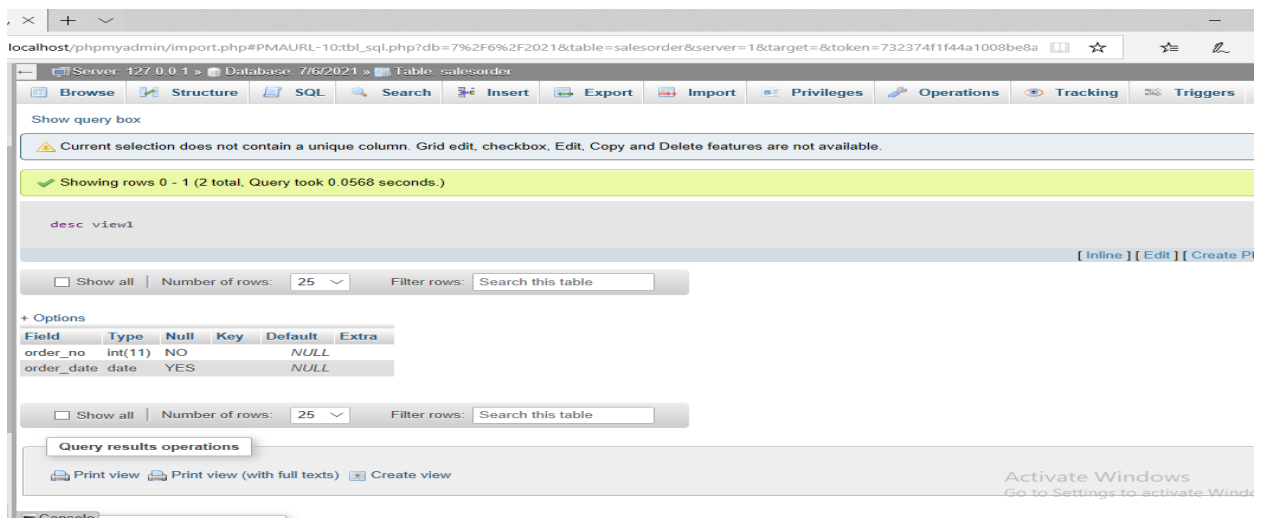   **Code:**
   CREATE VIEW view1 as SELECT order_no,order_date from salesorder;

   

2. **Describe the view view1**
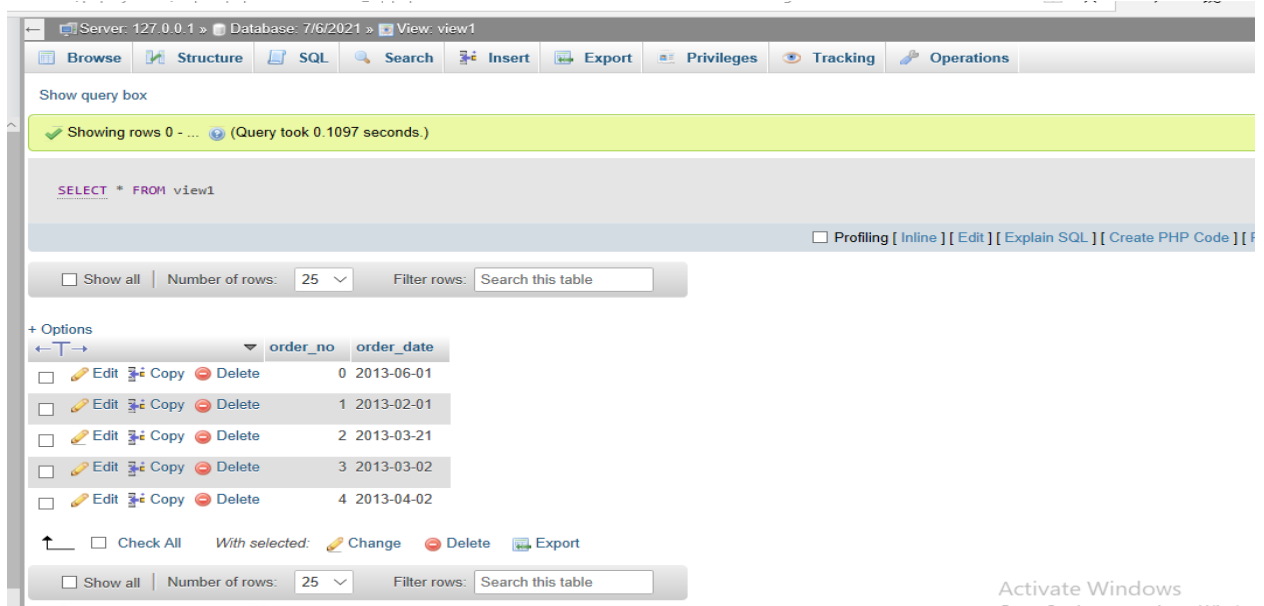   **Code:**
   desc view1;
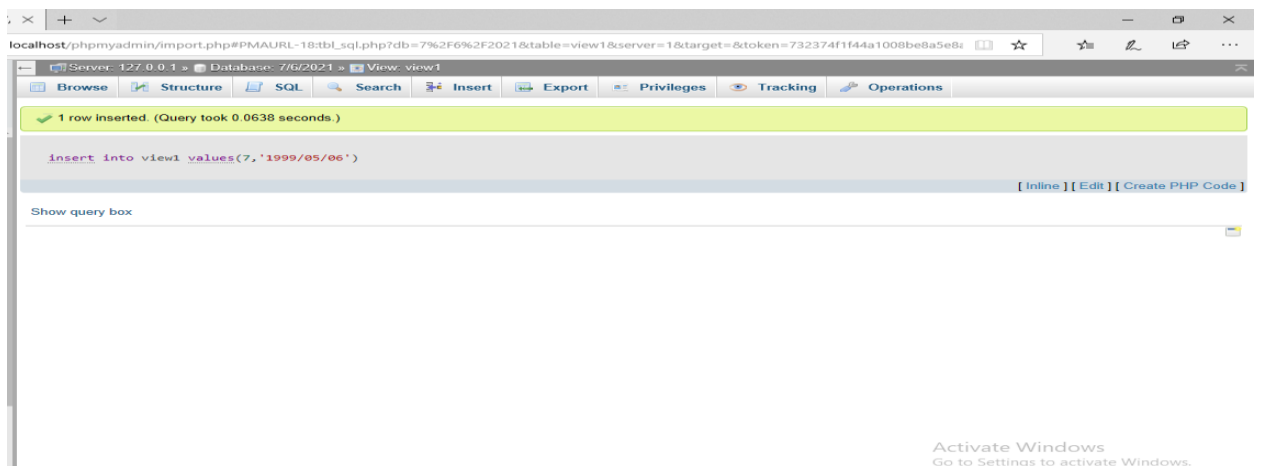
   

3. **Display Values of view1**
   **Code:**
   SELECT * FROM view1;



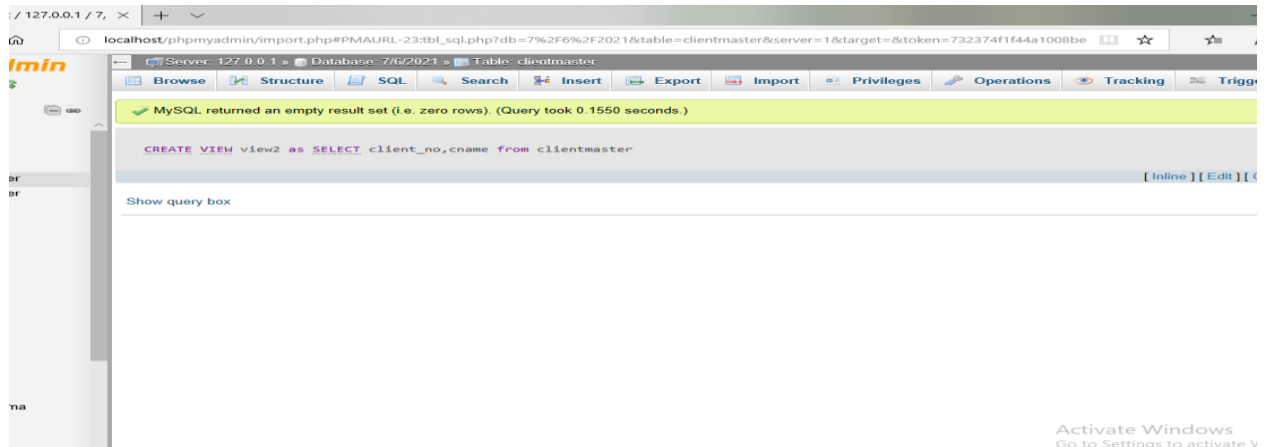4. **Insert one row of data in view1 and observe the output/error message**
   **Code:**
   insert into view1 values(7,'1999/05/06')



5. **Create a view view2 from clientmaster (clientno,cname)**
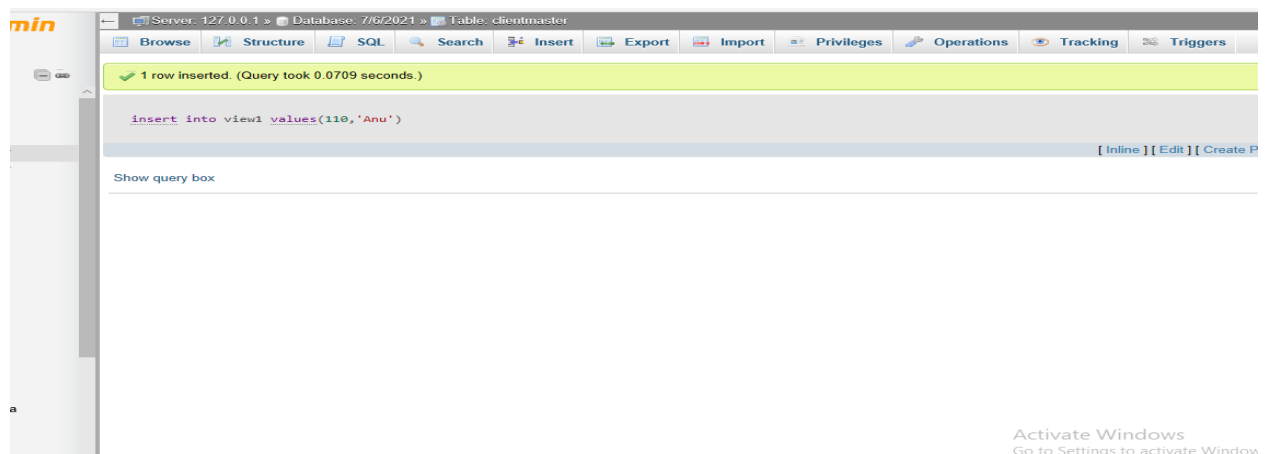   **Code: create view view2 as select  client_no,cname from client master;**

**6. Insert one row of data in view2 and observe the output/error message**

**Code:**

insert into view2 values(110,'Anu');
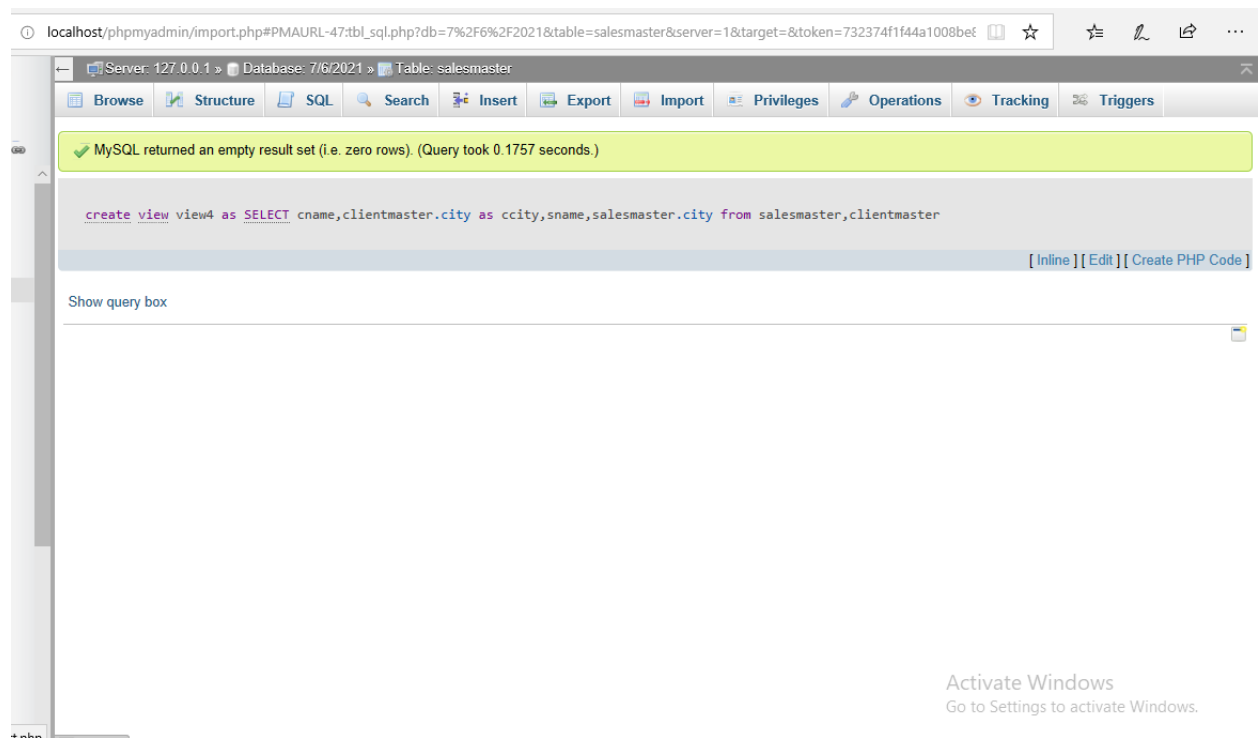
7. **Create a view view3 from salesmaster with all columns with condition 'city=mumbai'**

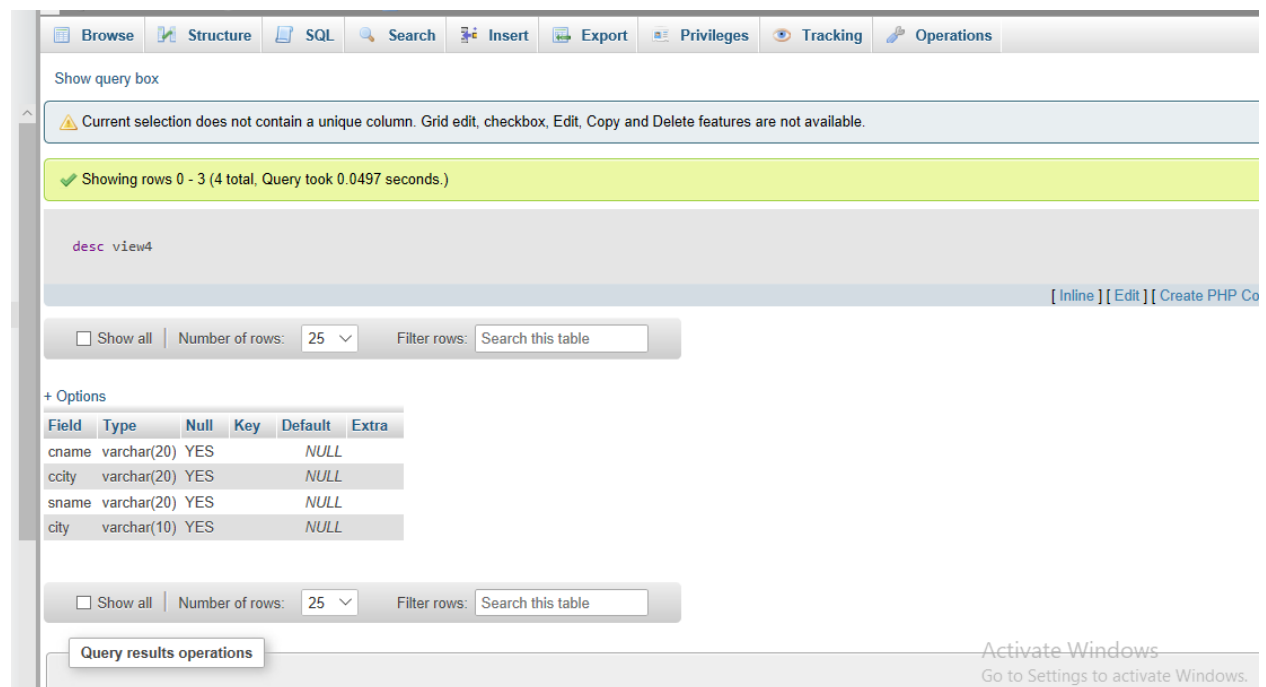**Code:**CREATE VIEW view3 as SELECT city from salesmaster where city='mumbai';
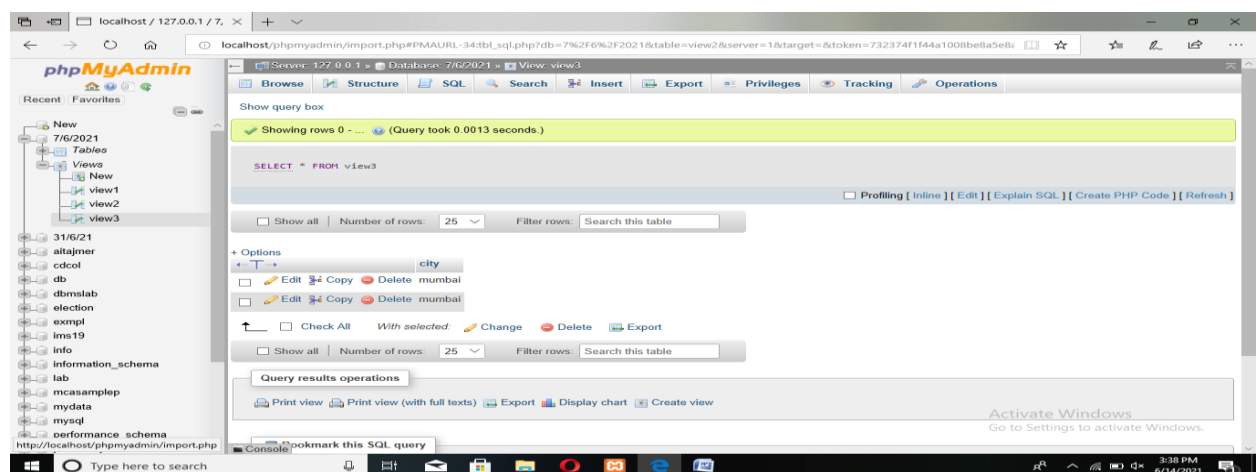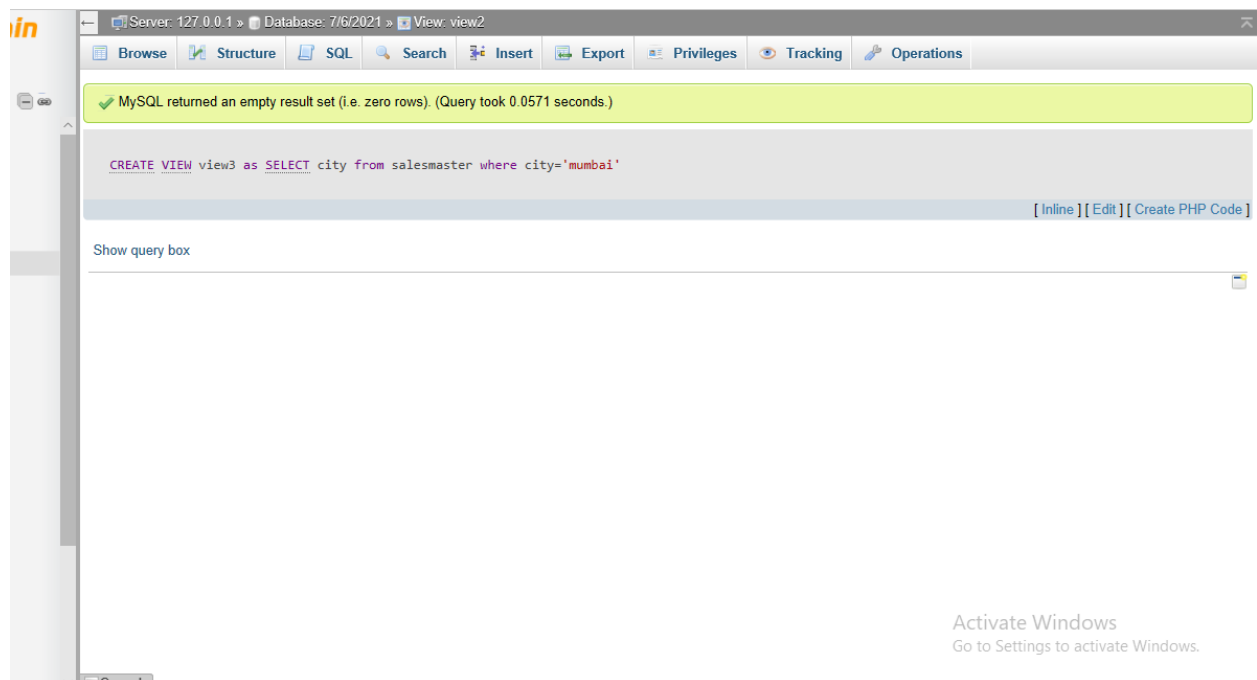
8. **Create a view view4 from clientmaster and salesmaster with details (cname,city,sname,city)**

**Code:** create view view4 as SELECT cname,clientmaster.city as ccity,sname,salesmaster.city from salesmaster,clientmaster

Server: 127.0.0.1 » Database: 7/6/2021 » Table: salesmaster

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

✔ MySQL returned an empty result set (i.e. zero rows). (Query took 0.1757 seconds.)

```
create view view4 as SELECT cname,clientmaster.city as ccity,sname,salesmaster.city from salesmaster,clientmaster
```

[ Inline ] [ Edit ] [ Create PHP Code ]

Show query box

Activate Windows
Go to Settings to activate Windows.

## 9. Describe view4

**Code:** desc view4

Browse | Structure | SQL | Search | Insert | Export | Privileges | Tracking | Operations

Show query box

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

✔ Showing rows 0 - 3 (4 total, Query took 0.0497 seconds.)

```
desc view4
```

[ Inline ] [ Edit ] [ Create PHP Co

☐ Show all | Number of rows: 25 ⌄ | Filter rows: Search this table

+ Options

| Field | Type | Null | Key | Default | Extra |
|-------|------|------|-----|---------|-------|
| cname | varchar(20) | YES | | NULL | |
| ccity | varchar(20) | YES | | NULL | |
| sname | varchar(20) | YES | | NULL | |
| city | varchar(10) | YES | | NULL | |

☐ Show all | Number of rows: 25 ⌄ | Filter rows: Search this table

Query results operations

Activate Windows
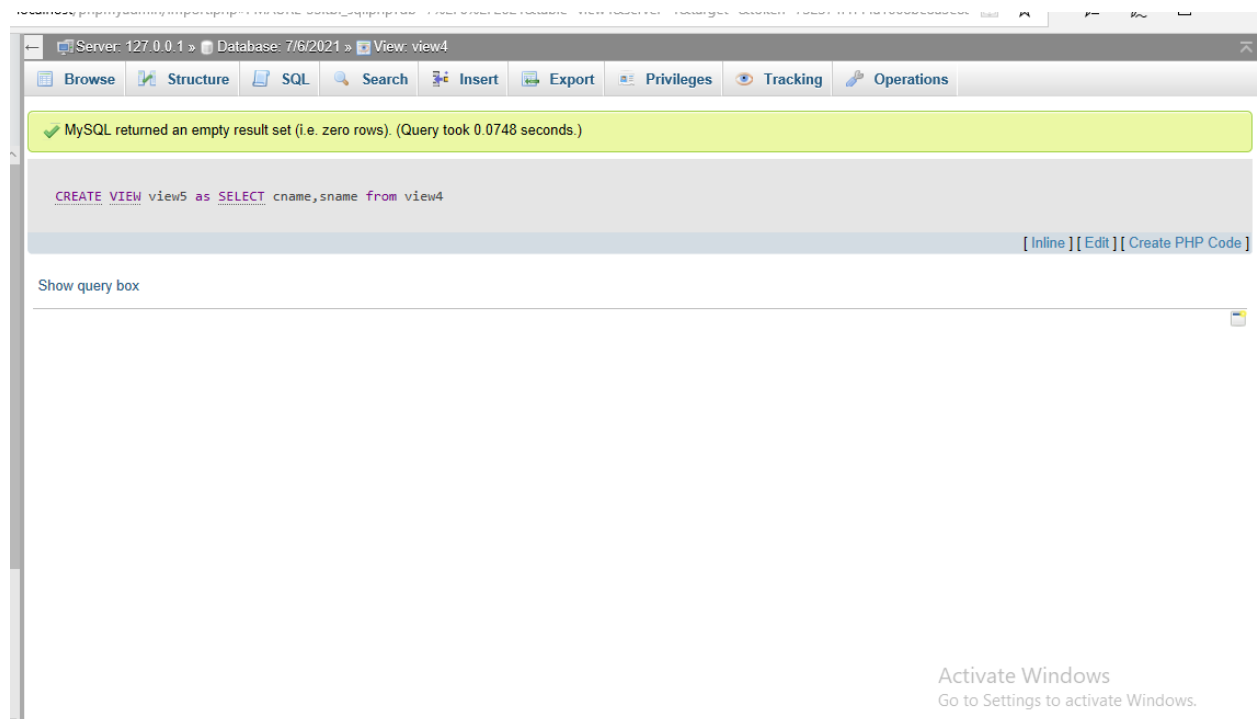Go to Settings to activate Windows.

**10. Insert one row of data in view4 and observe the output/error message.**

**Code:** insert into view4 values('ammu','kattappana','gopi','thodupuzha')
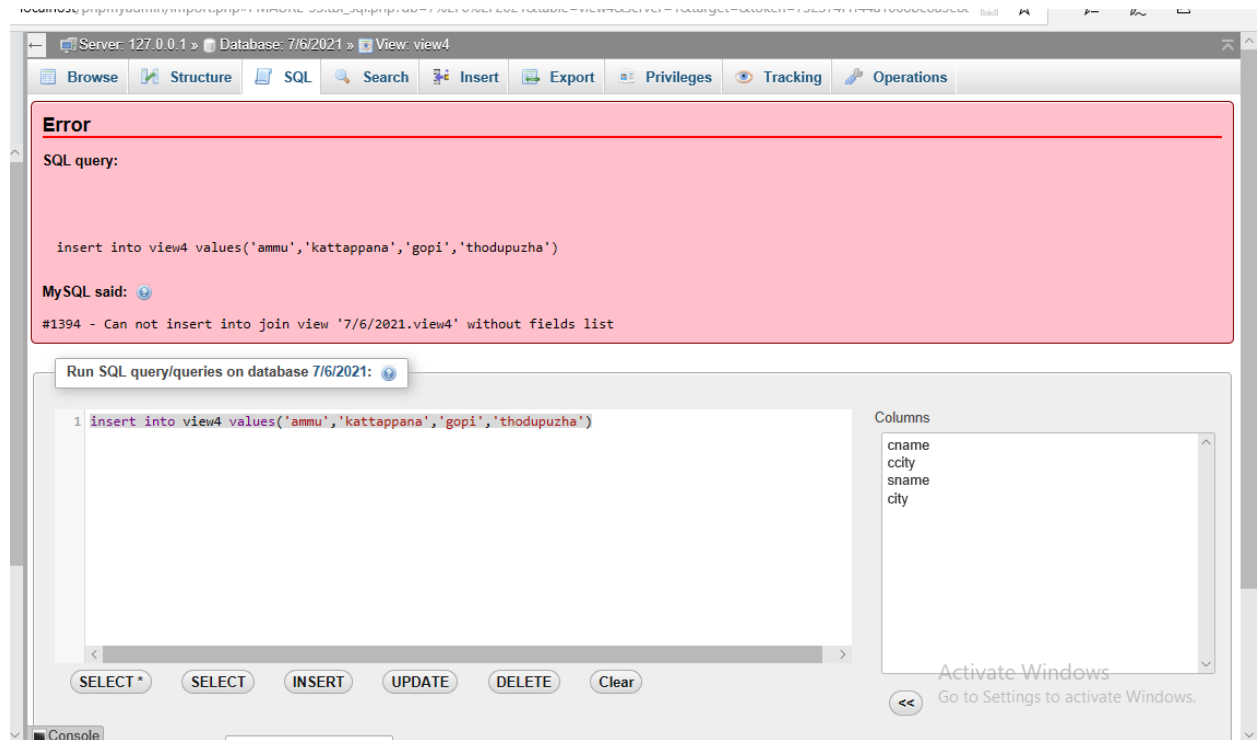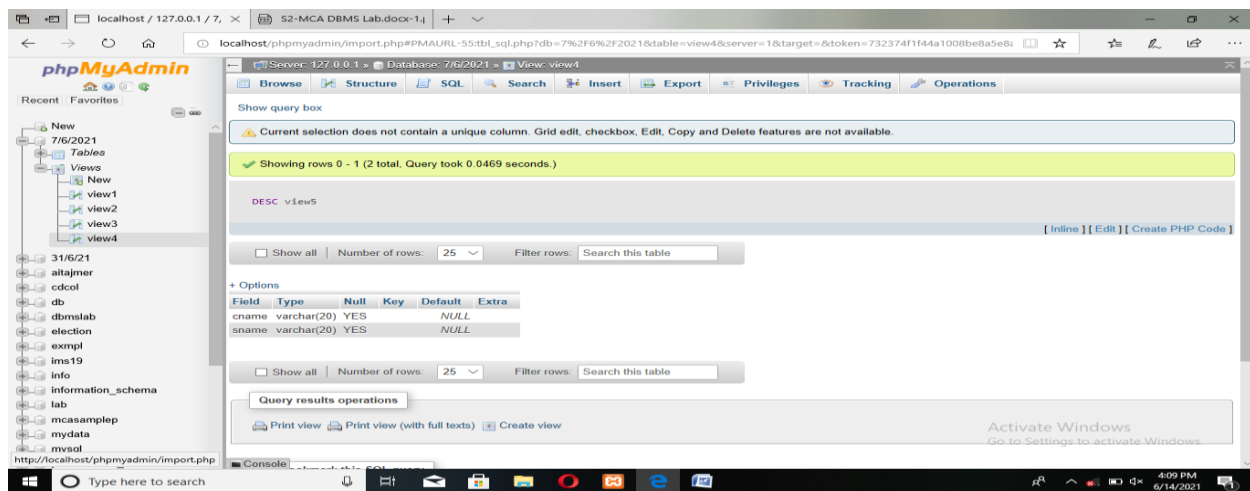


**11. Create a view view5 from view4(cname,sname)**

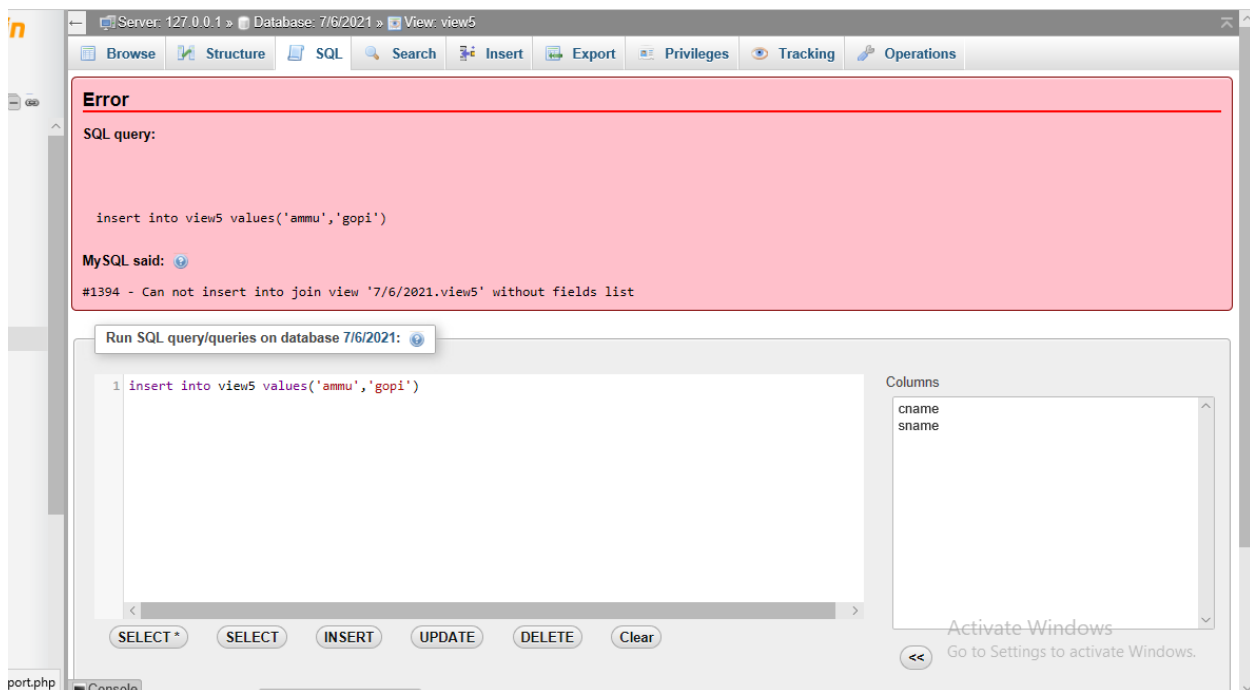**Code:**  CREATE VIEW view5 as SELECT cname,sname from view4

**12. Describe view5**
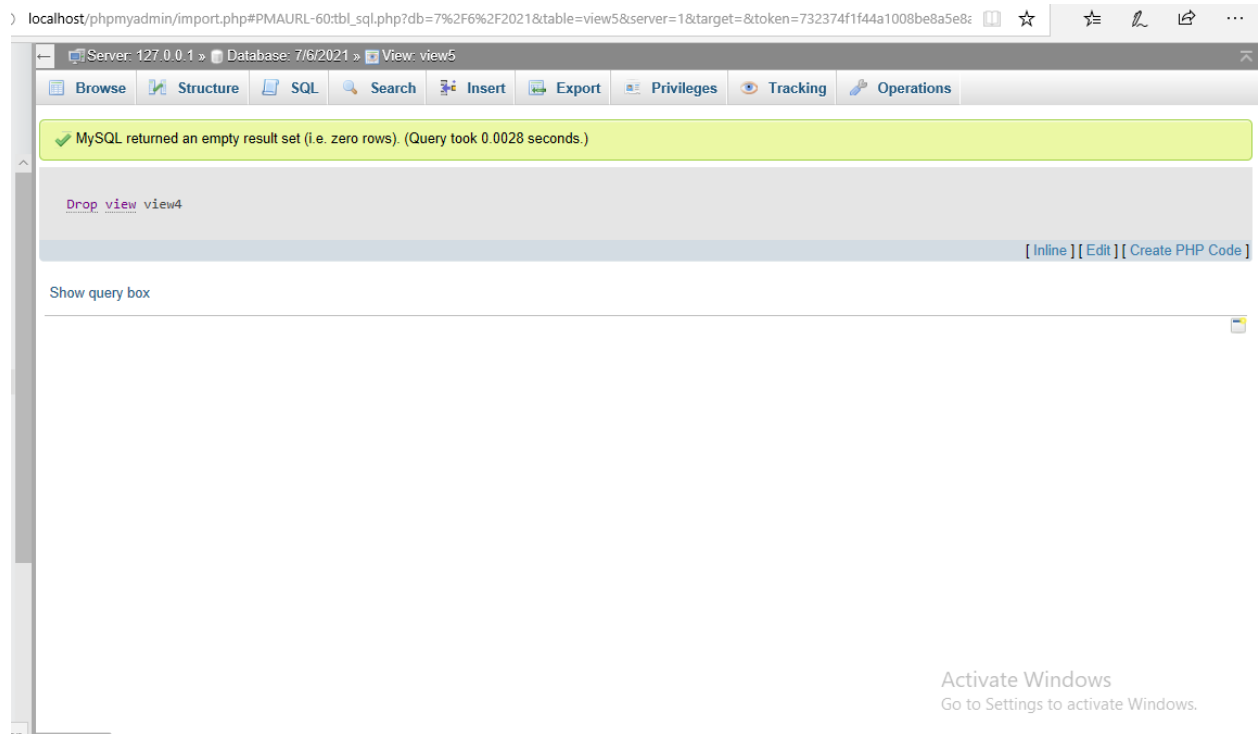
**Code:** DESC view5;



**13. Insert one row of data in view5 and observe the output/error message.**

**Code:** insert into view5 values('ammu','gopi')
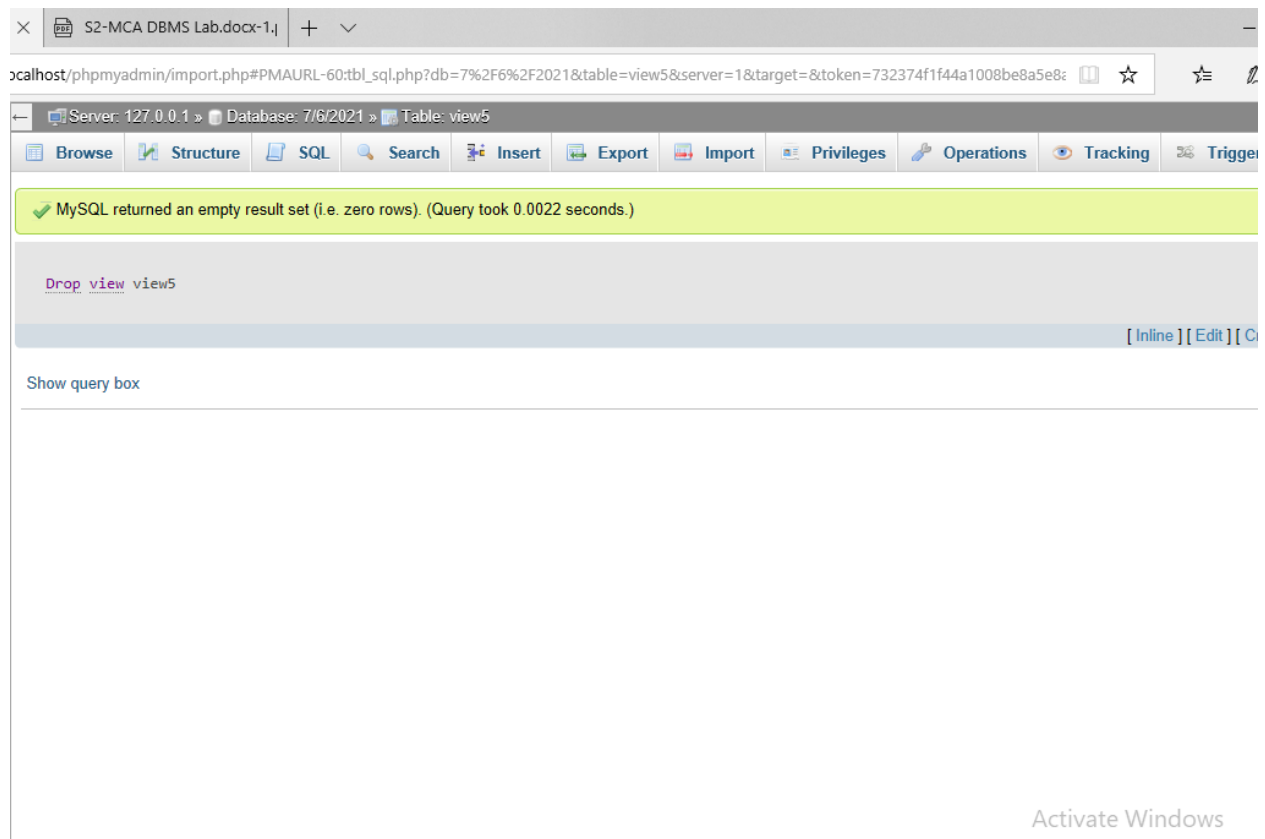


**14. Delete the view4 table.**

**Code:Drop view view4;**

← ▣ Server: 127.0.0.1 » ▣ Database: 7/6/2021 » ▣ View: view5

| Browse | Structure | SQL | Search | Insert | Export | Privileges | Tracking | Operations |

✔ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0028 seconds.)

Drop view view4

[ Inline ] [ Edit ] [ Create PHP Code ]

Show query box

Activate Windows
Go to Settings to activate Windows.

**15. Delete the view5 table.**
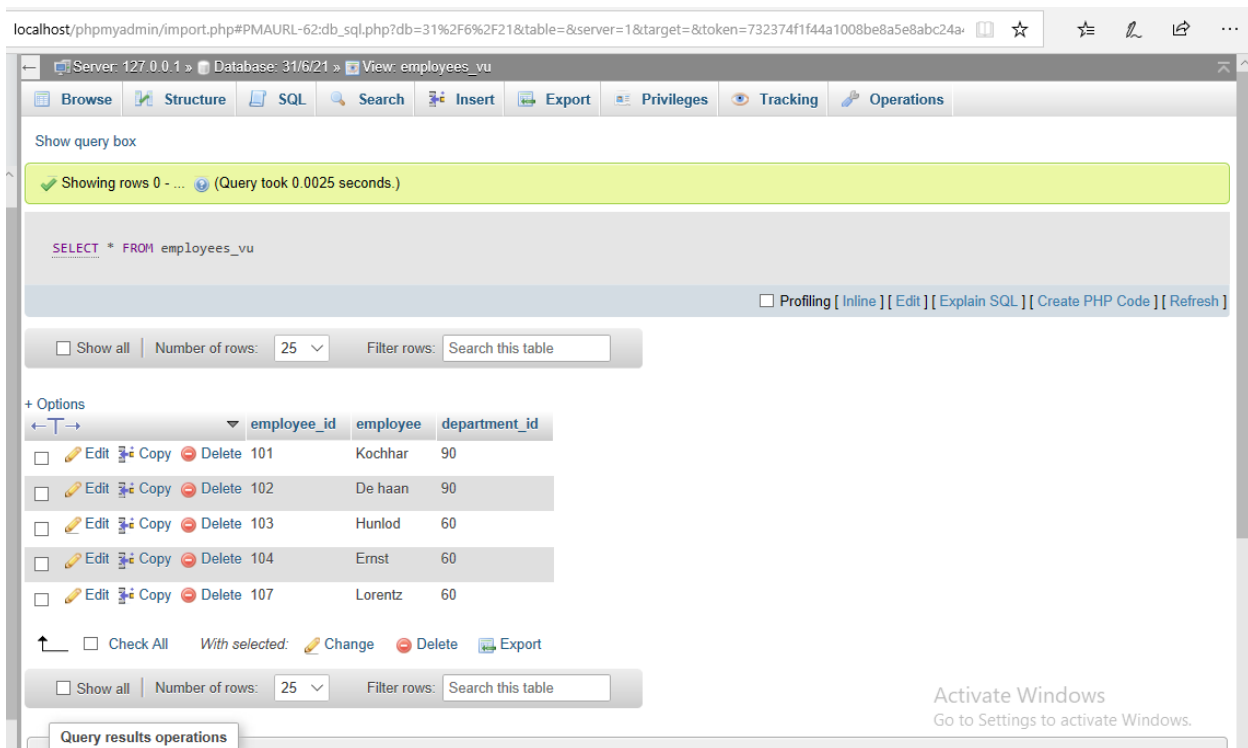
**Code:Drop view view5;**

## Practice10:

1.**The staff in the Hr department want to hide some of the data in the Employees table.They want a view called Employees_VU based on the employee no,employee names and department no from employees table.They want the heading for the employee name to be employee**.

**Code: CREATE VIEW employees_vu AS(SELECT employee_id,last_name as employee,department_id FROM employees);**
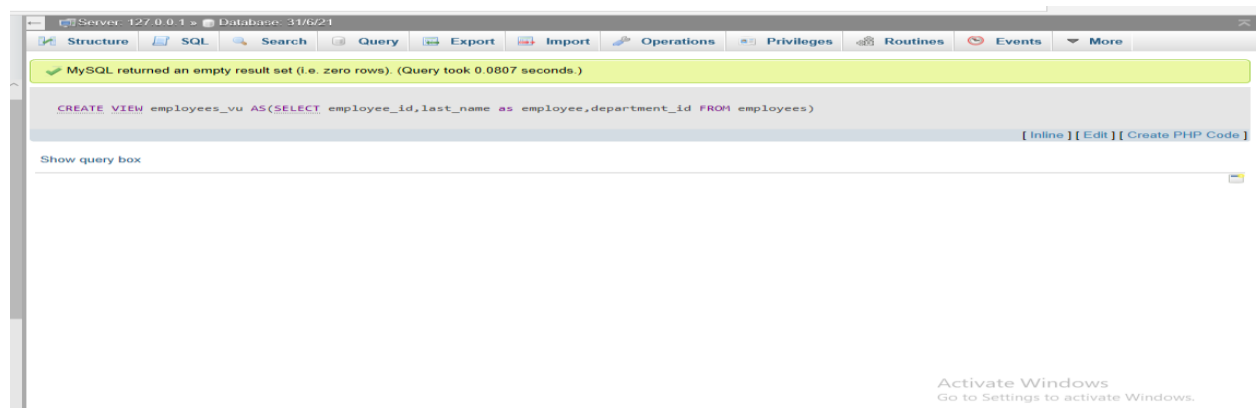
**2.Confirm that the views works.Display the content of the Employees_VU view.**
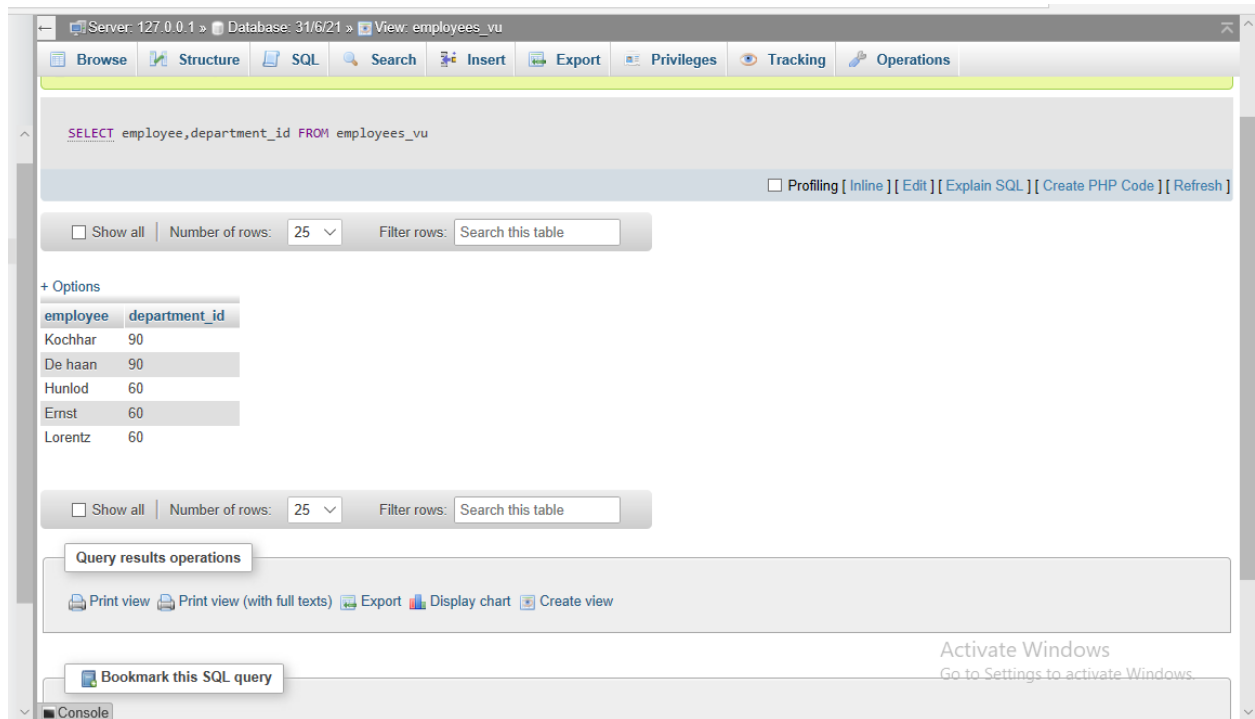
**Code:** SELECT * FROM employees_vu;



**3.Using your Employees_VU view,write a query for the HR department to display all employee names and department number.**

**Code:** SELECT employee,department_id FROM employees_vu

4.**Department 50 needs access to its employee data.Create a view named DEPT50 that contains the employee no, employee last name and department no for all employees in department 50.You have been asked to label the view columns EMPNO,EMPLOYEE and DEPTNO.For security purpose,do not allow an employee to be reassigned to another department through the view.**

**Code:** CREATE VIEW DEPT50 AS(SELECT employee_id AS EMPNO,last_name AS employee,department_id AS DEPTNO FROM employees WHERE department_id=50);

Server: 127.0.0.1 » Database: 31/6/21 » View: employees_vu

Browse | Structure | SQL | Search | Insert | Export | Privileges | Tracking | Operations

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0825 seconds.)

```
CREATE VIEW DEPT50 AS(SELECT employee_id AS EMPNO,last_name AS employee,department_id AS DEPTNO FROM employees WHERE department_id=50)
```

[ Inline ] [ Edit ] [ Create PHP Code ]

Show query box

Console