

ADBMSLAB

Submitted to:

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Submitted by:

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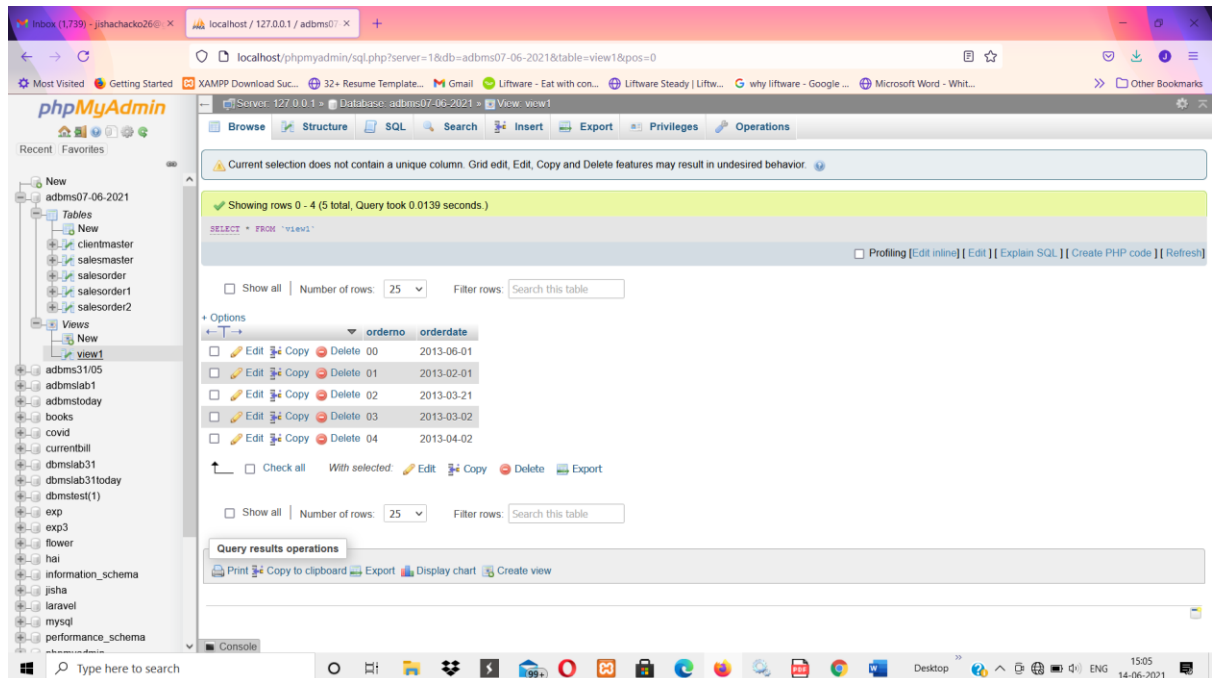
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Experiment10

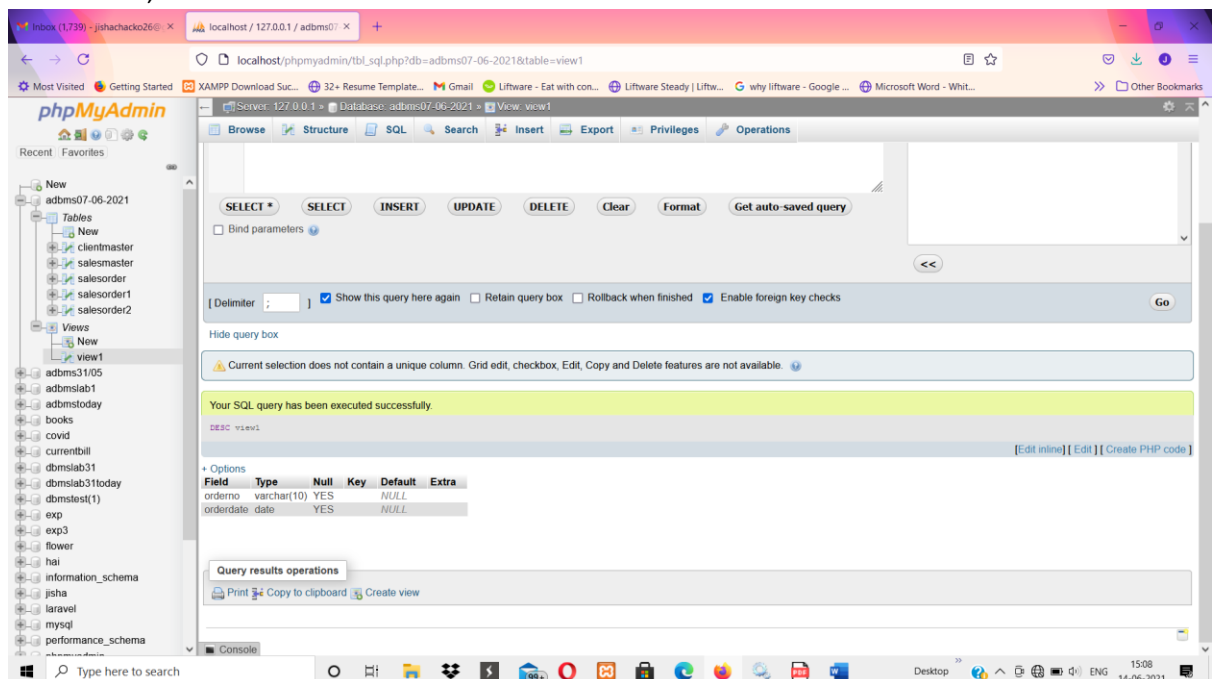
1. Create a view view1 from salesorder with(order number,order date)

CREATE VIEW view1 as SELECT orderno,orderdate from salesorder2;



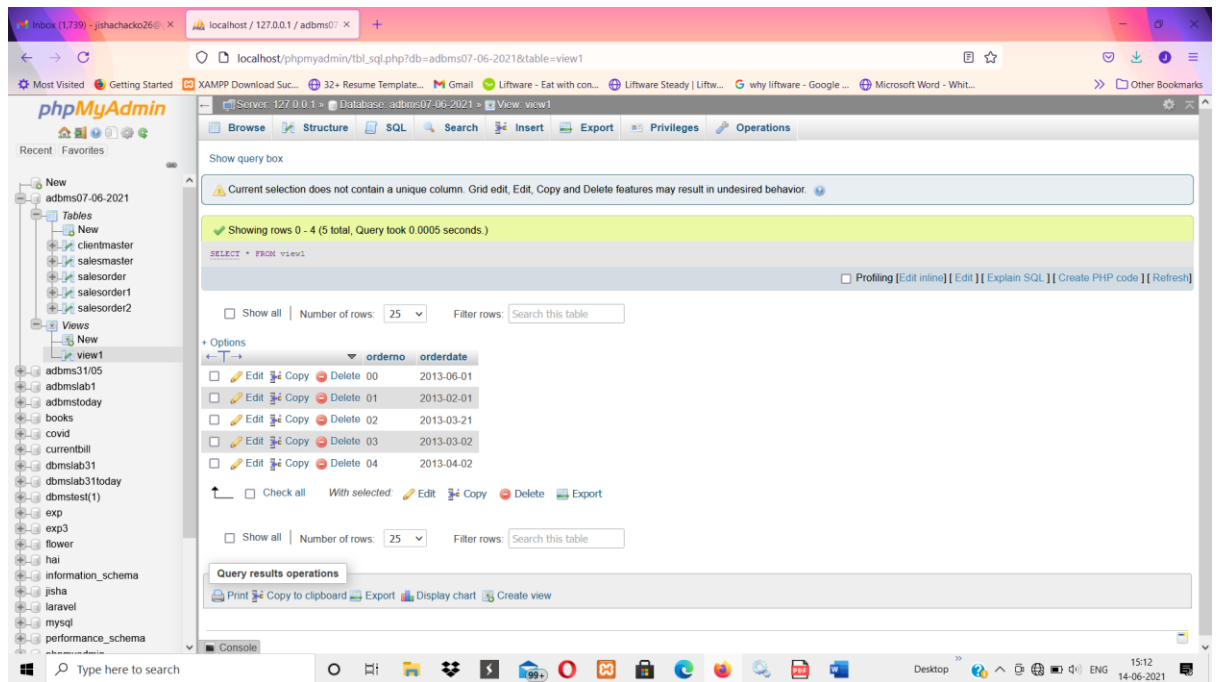
2. Describe the view view1

DESC view1;

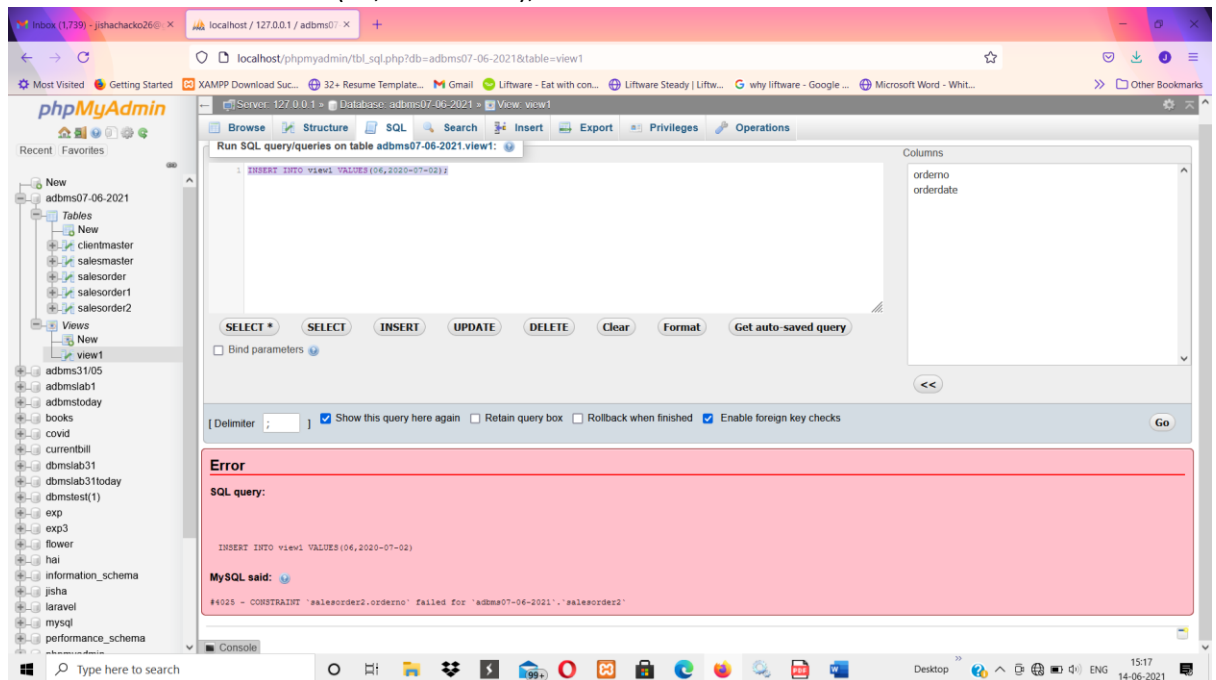


3. display the values of view1

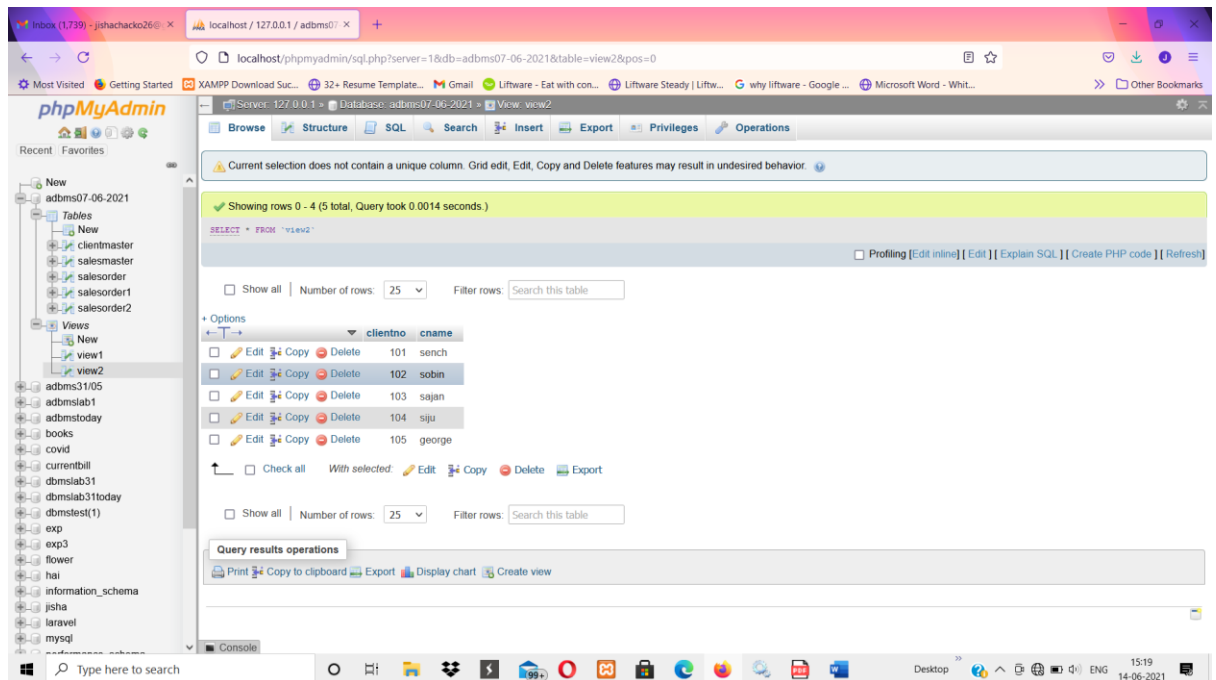
SELECT * FROM view1;



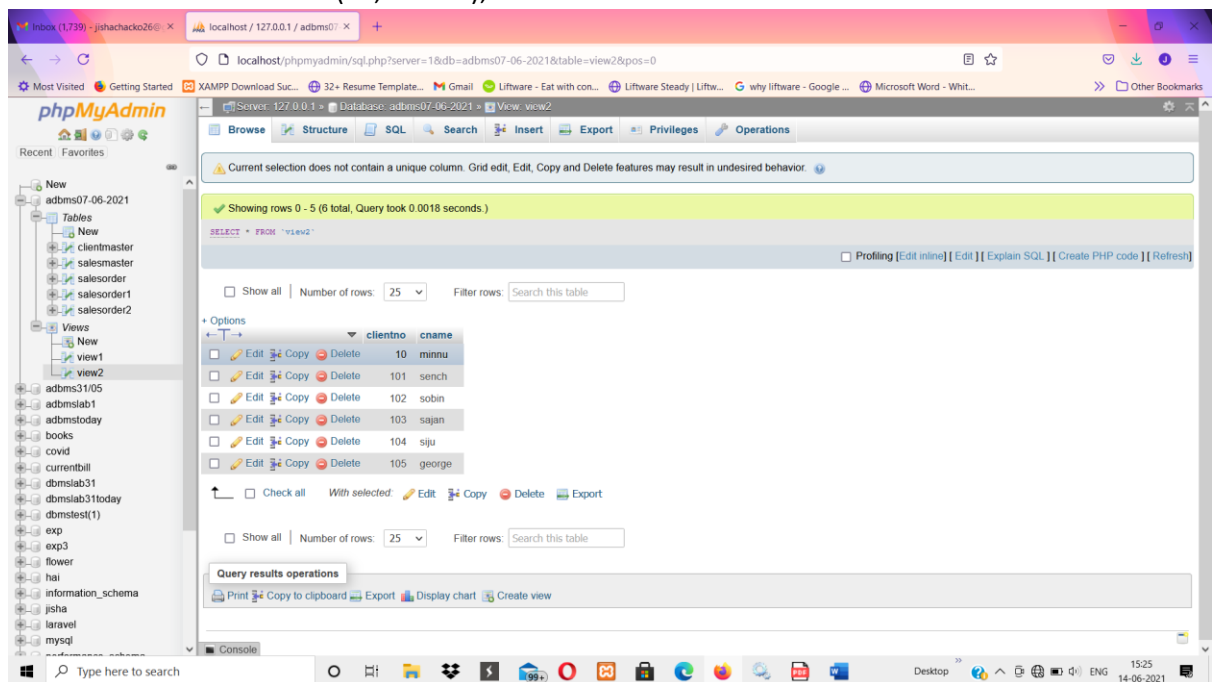
4. insert one row of data in view1 and observe the output/error message
 INSERT INTO view1 VALUES(06,2020-07-02);



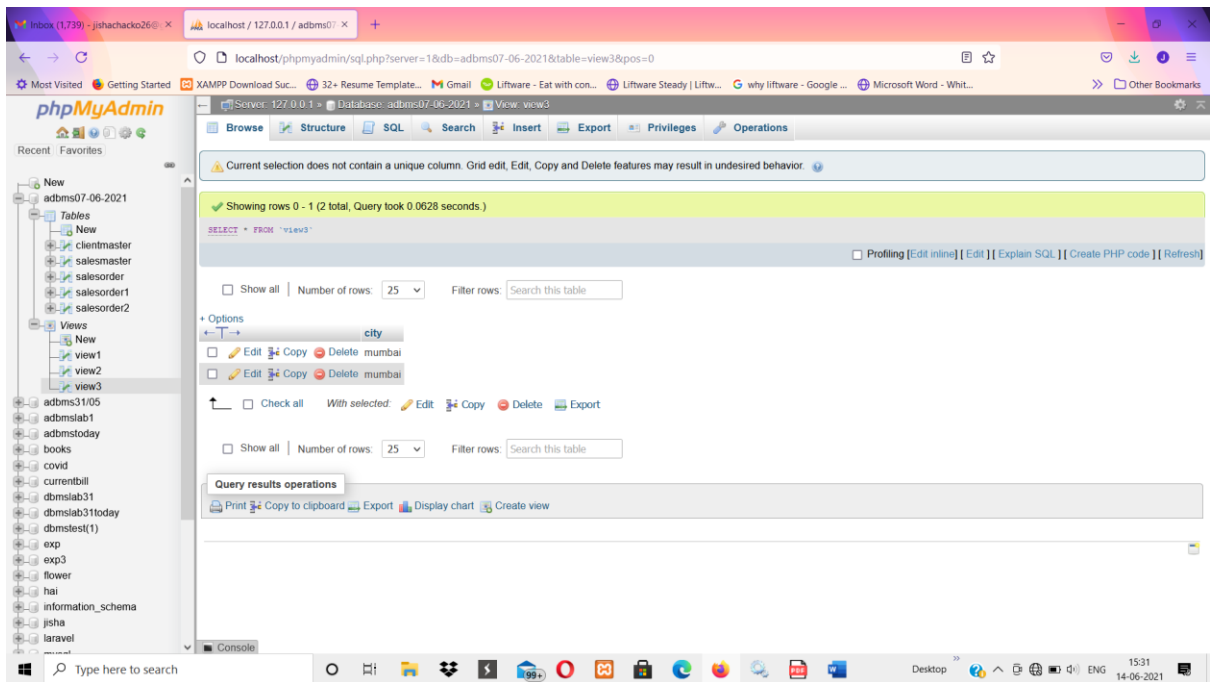
5. create a view view2 from clientmaster(clientno,cname)
 CREATE VIEW view2 as SELECT clientno,cname from clientmaster;



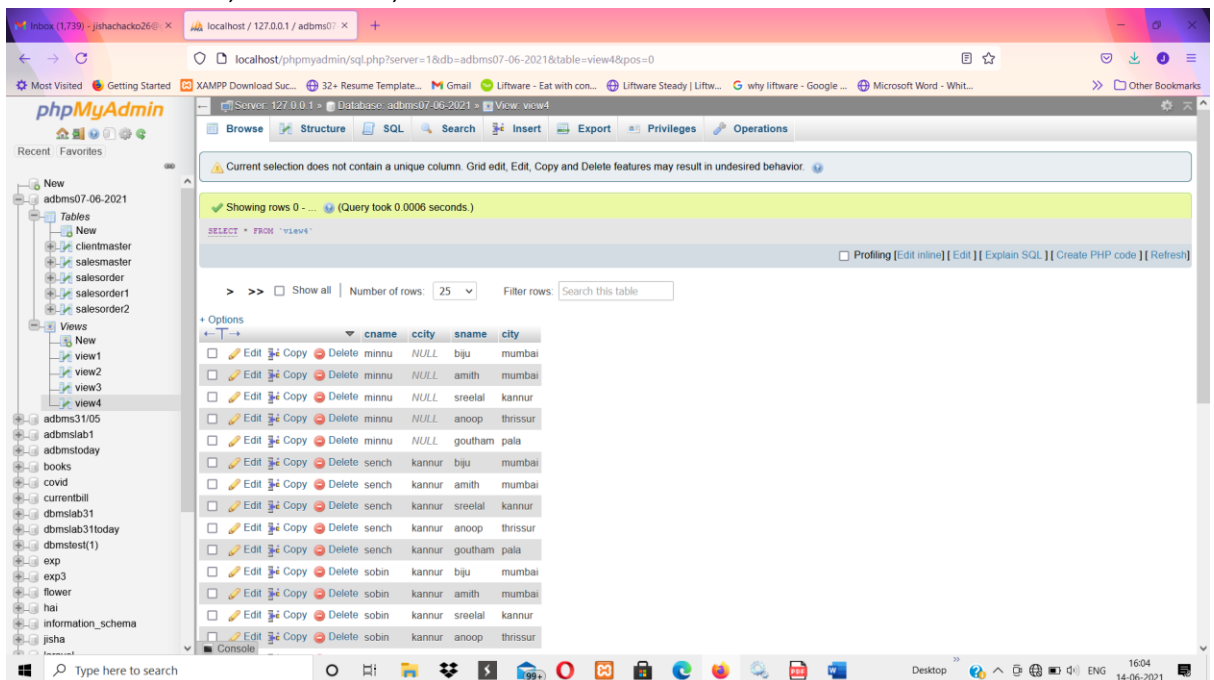
6. insert one row of data in view2 and observe the output/error message
 INSERT INTO view2 VALUES(10,'minnu');



7. create a view view3 from salesmaster with all columns with condition city="Mumbai"
 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)
 CREATE VIEW view4 AS SELECT cname,clientmaster.city as ccity,sname,salesmaster.city
 FROM salesmaster,clientmaster ;



9.describe view4
 Desc view4;

localhost/phpmyadmin/tbl_sql.php?db=adbs07-06-2021&table=view4

Server: 127.0.0.1 • Database: adbs07-06-2021 • View: view4

Show query box

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

Your SQL query has been executed successfully.

Options

Field	Type	Null	Key	Default	Extra
cname	varchar(20)	YES		NULL	
ccity	varchar(15)	YES		NULL	
sname	varchar(10)	YES		NULL	
city	varchar(50)	YES		NULL	

Query results operations

Print Copy to clipboard Create view

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

localhost/phpmyadmin/tbl_sql.php?db=adbs07-06-2021&table=view4

Server: 127.0.0.1 • Database: adbs07-06-2021 • View: view4

Run SQL query/queries on table adbs07-06-2021.view4:

```
INSERT into view4 VALUES ('ammu', 'kattappana', 'appu', 'marykulam');
```

Columns

- cname
- ccity
- sname
- city

SELECT * SELECT INSERT UPDATE DELETE Clear Format Get auto-saved query

☐ Bind parameters

Delimiter: ; Show this query here again Retain query box Rollback when finished Enable foreign key checks Go

Error

SQL query:

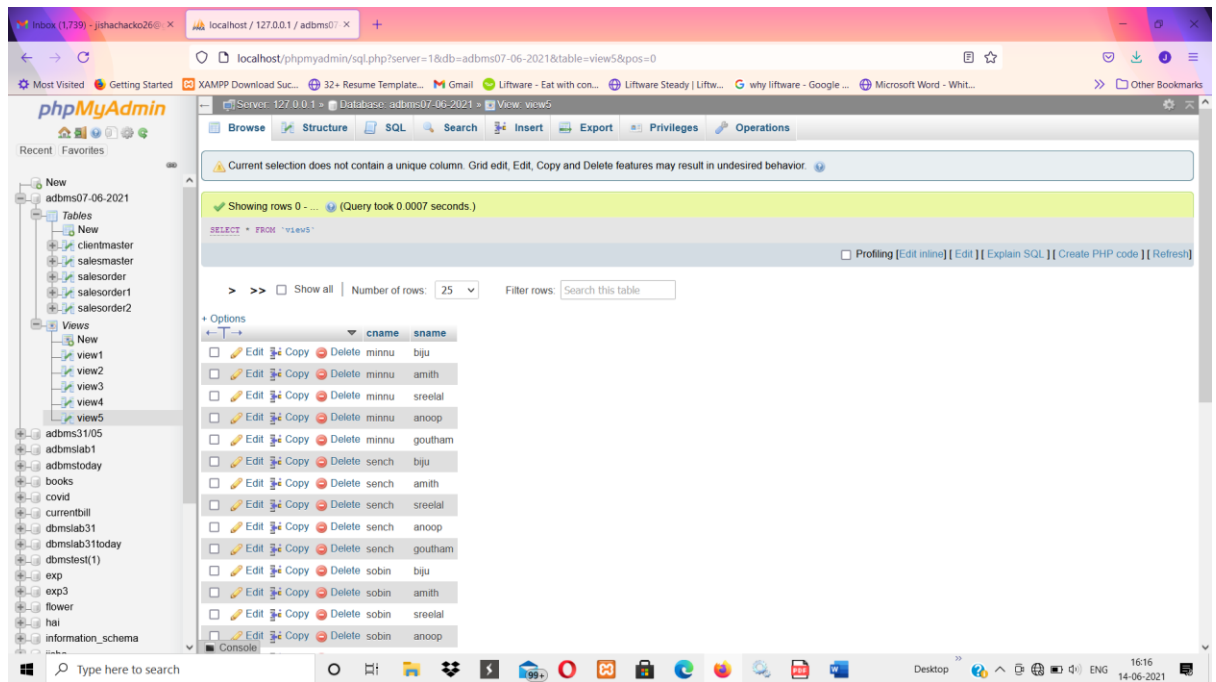
```
INSERT into view4 VALUES ('ammu', 'kattappana', 'appu', 'marykulam')
```

MySQL said:

```
#1394 - Can not insert into join view 'adbs07-06-2021.view4' without field list
```

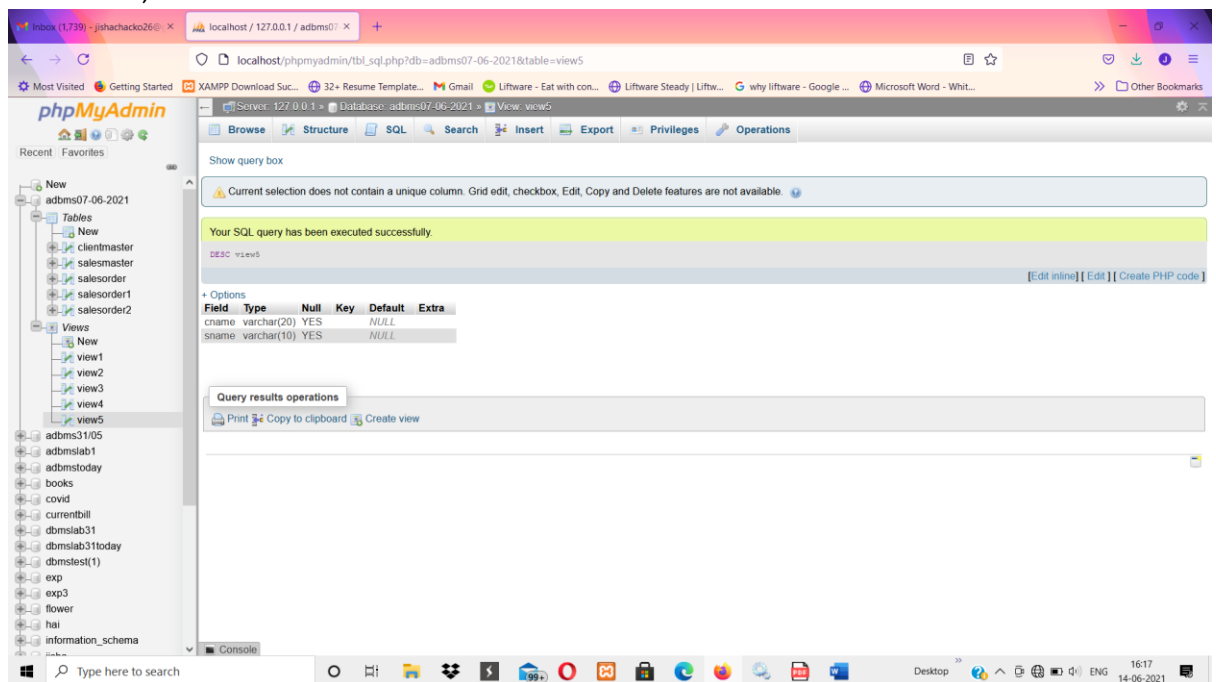
11.create a view view5 from view4(cname,sname)

CREATE VIEW view5 as SELECT cname,sname from view4;



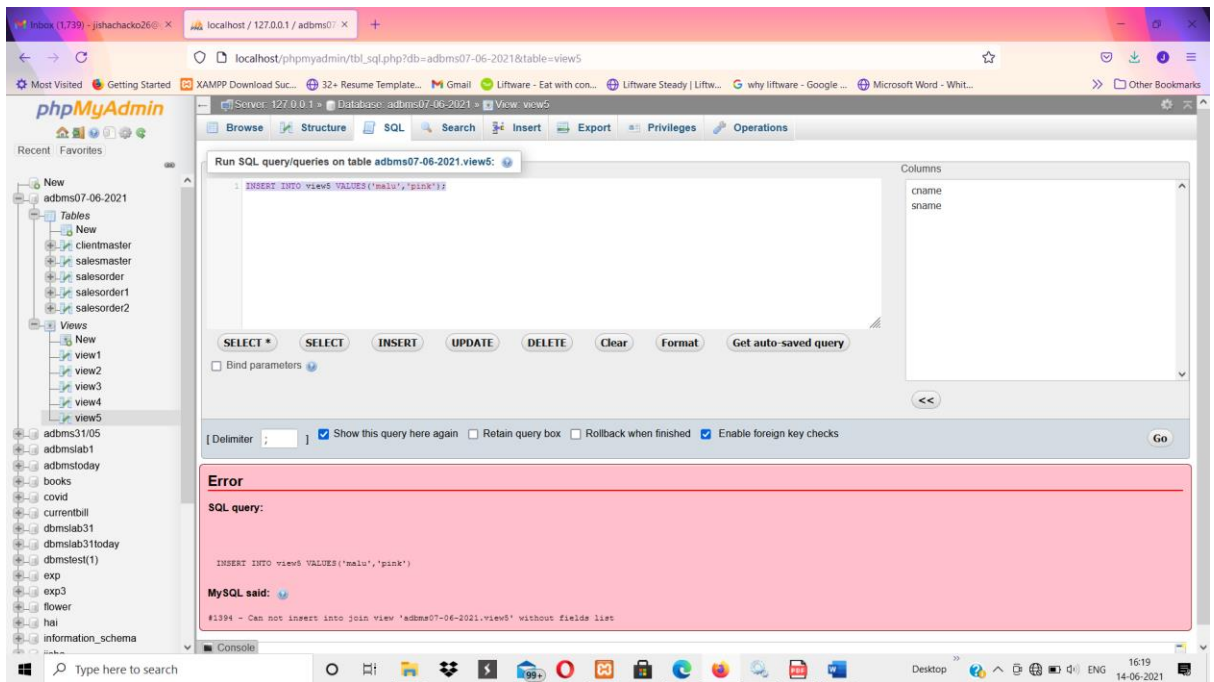
12.describe view5

Desc view5;

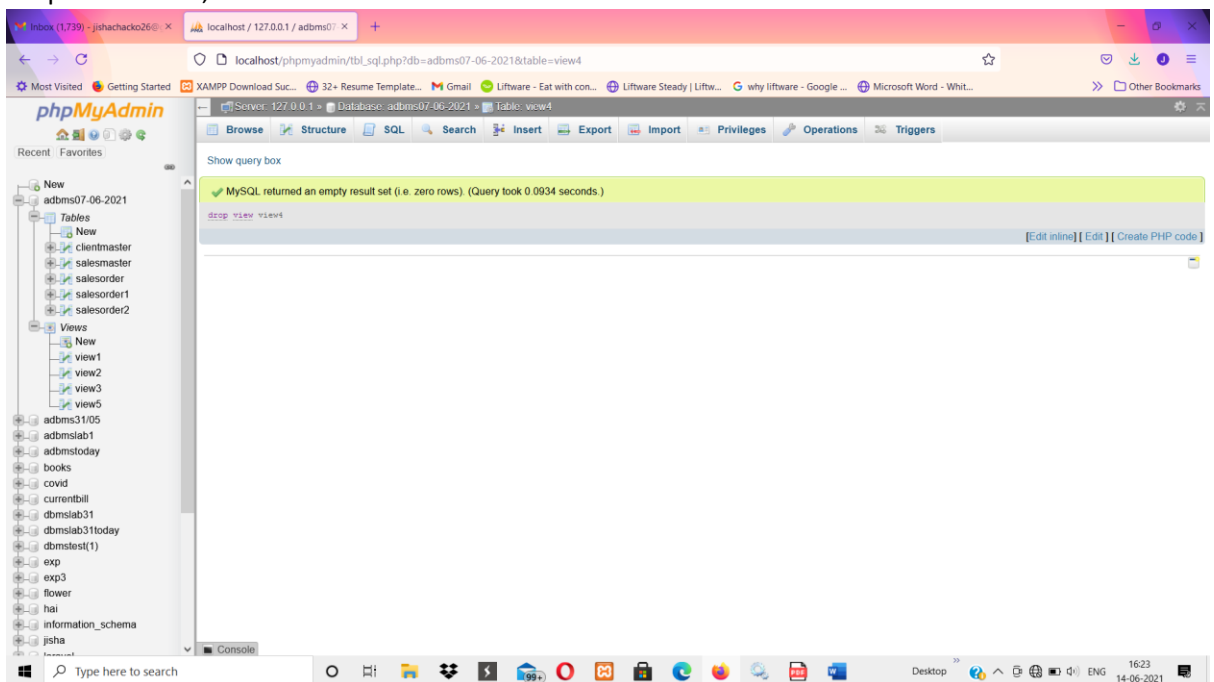


13.insert one row of data in view5 and observe the output/error message

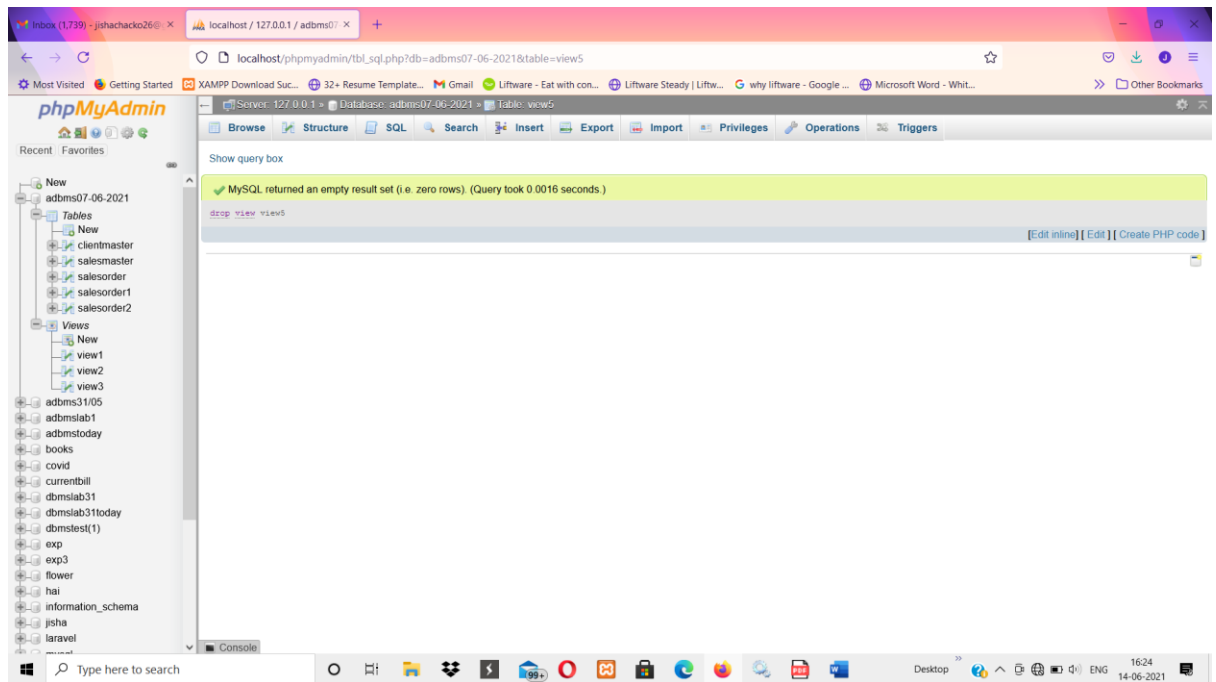
INSERT INTO view5 VALUES('malu','pink');



14.delete the view4 table
drop view view4;



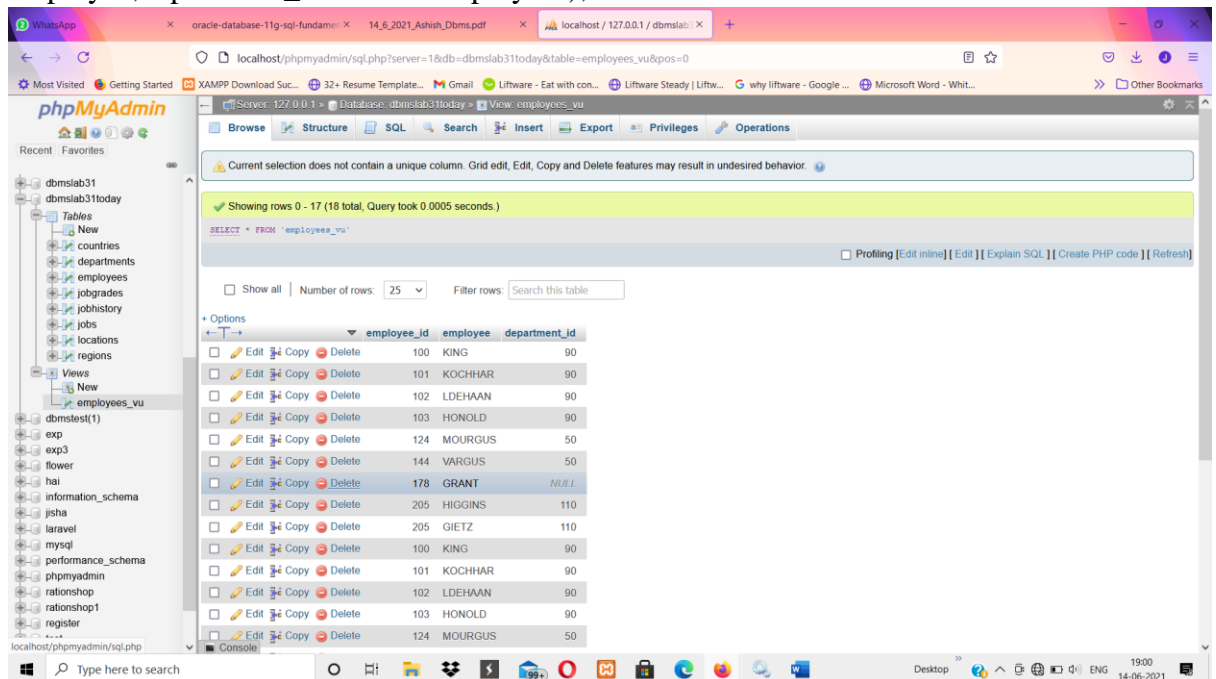
15.delete the view5 table
drop view view5;



16.

The staff in the HR department wants to hide some of the data in the `EMPLOYEES` table. They want a view called `EMPLOYEES_VU` based on the employee numbers, employee names, and department numbers from the `EMPLOYEES` table. They want the heading for the employee name to be `EMPLOYEE`.

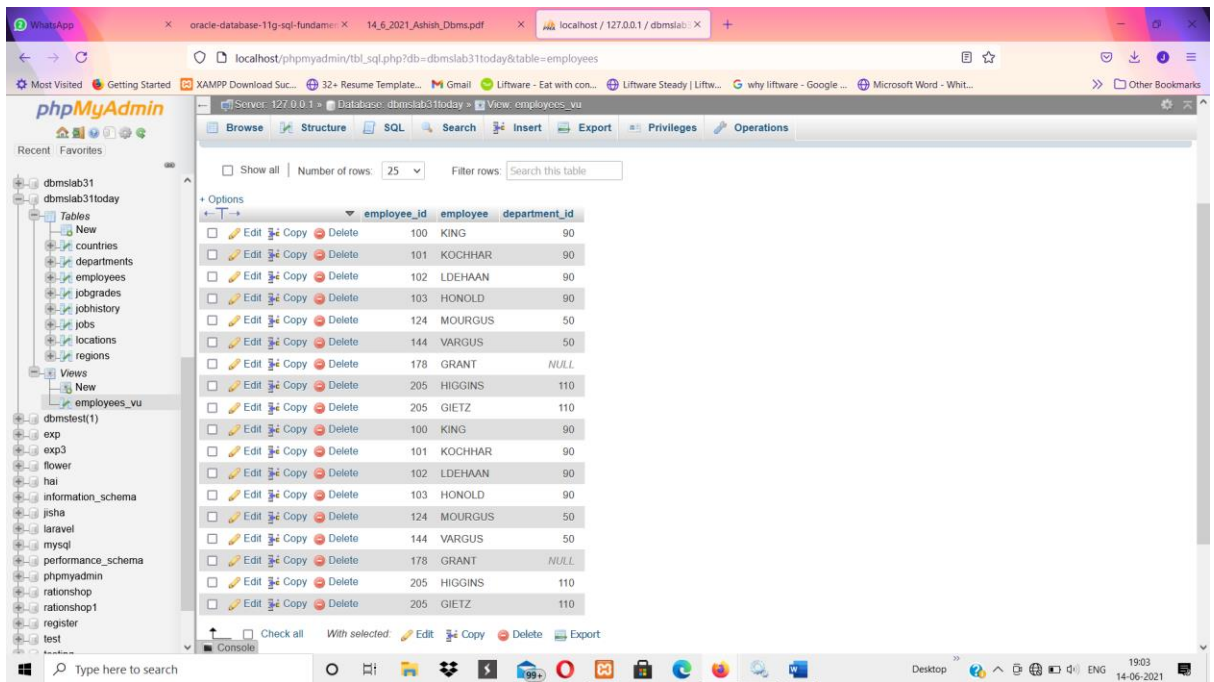
CREATE VIEW employees_vu AS(SELECT employee_id,last_name as employee,department_id FROM employees);



17.

Confirm that the view works. Display the contents of the `EMPLOYEES_VU` view.

SELECT * FROM employees_vu;



18.

Using your EMPLOYEES_VU view, write a query for the HR department to display all employee names and department numbers.

SELECT employee,department_id FROM employees_vu;

