

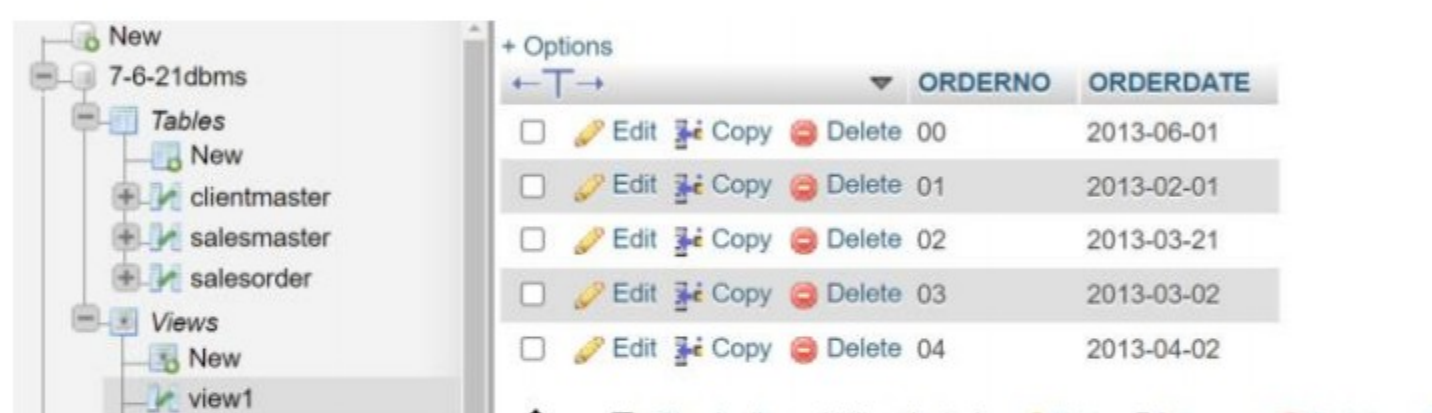
EXPERIMENT NO.10

14/06/2021

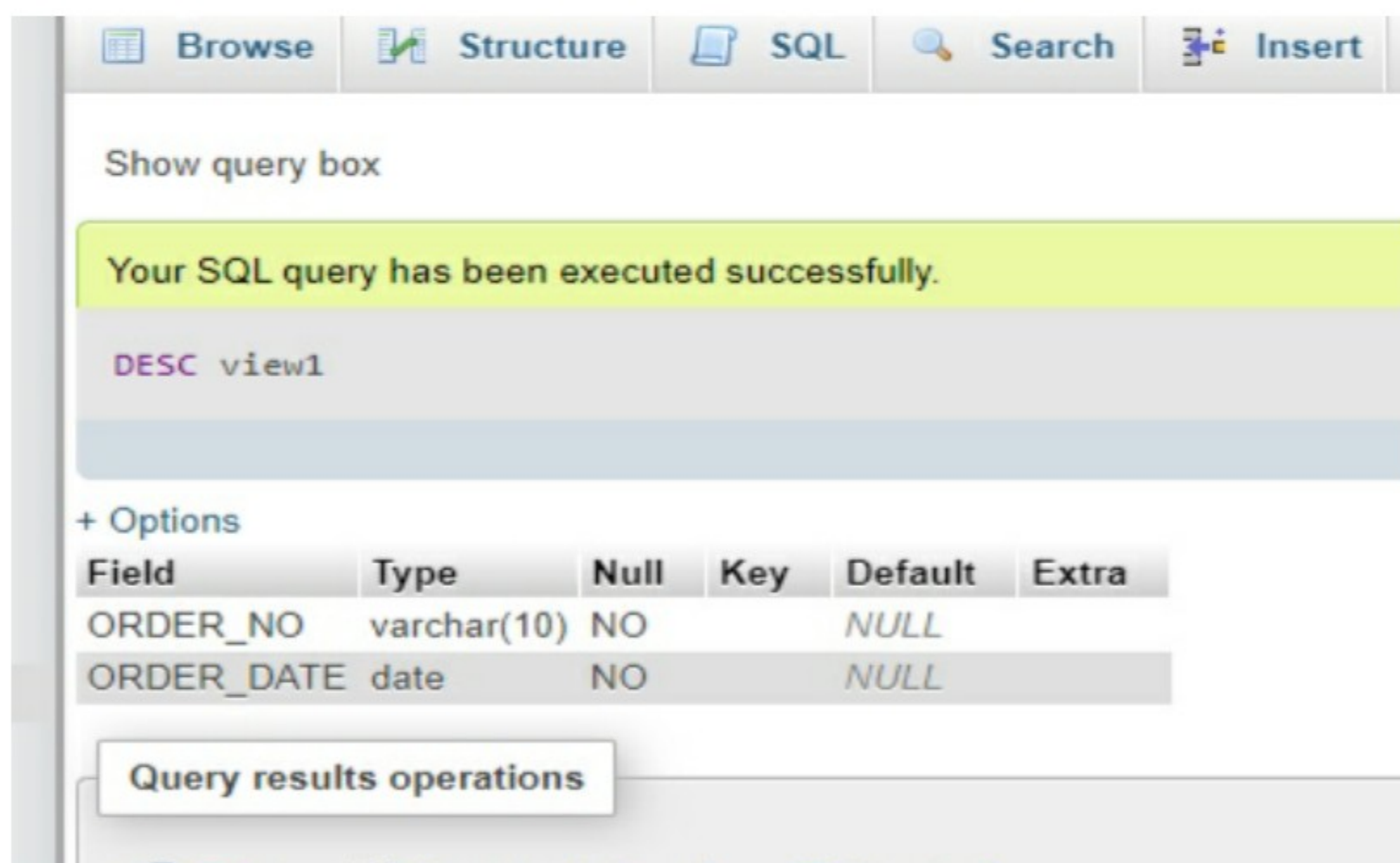
VIEW TABLE

Create table of salesorder with following fields: Order Number(Unique key),Client number(FK),Order Date. Create table clientmaster with following fields: clientno(PK), cname,city. Create table salesmaster with following fields: salesmanno(PK),sname,city. Add 5 rows of data in 3 tables

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



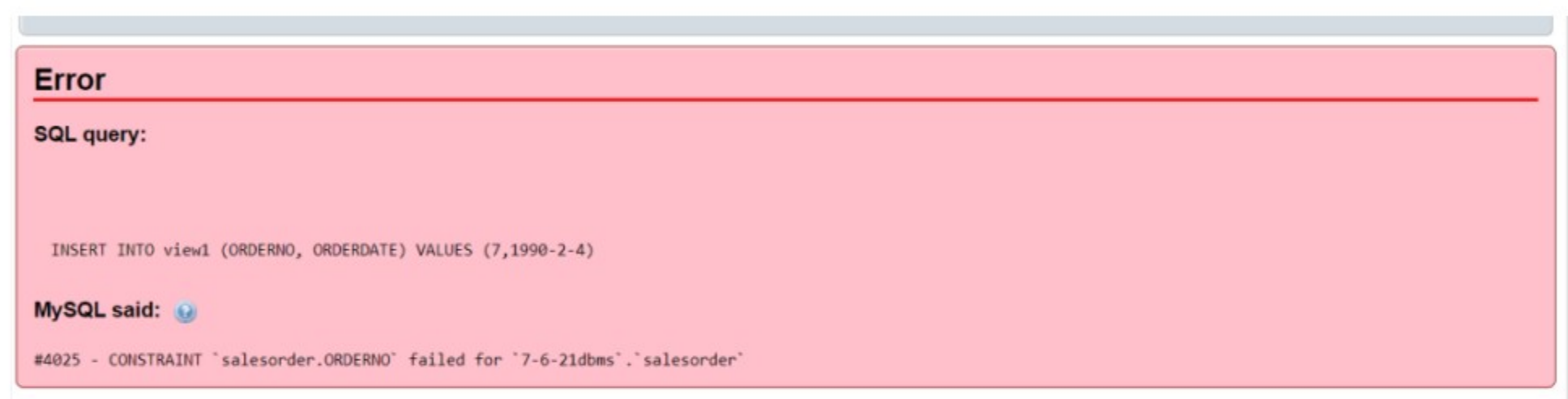
2. Describe the view view1



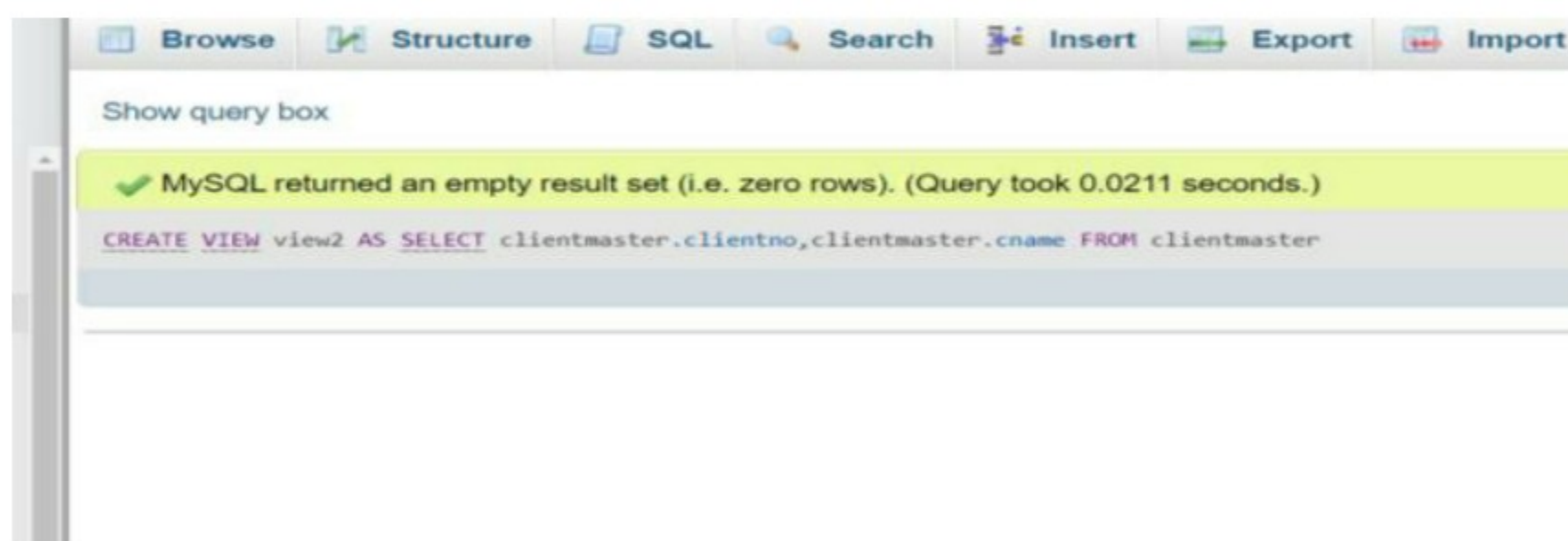
3. Display Values of view1



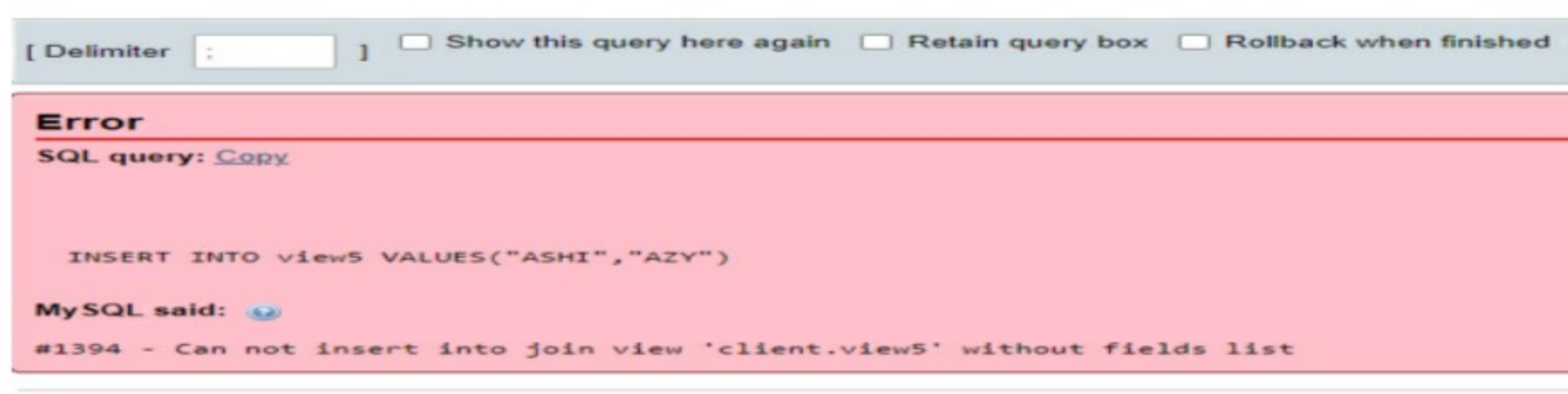
4. Insert one row of data in view1 and observe the output/error message



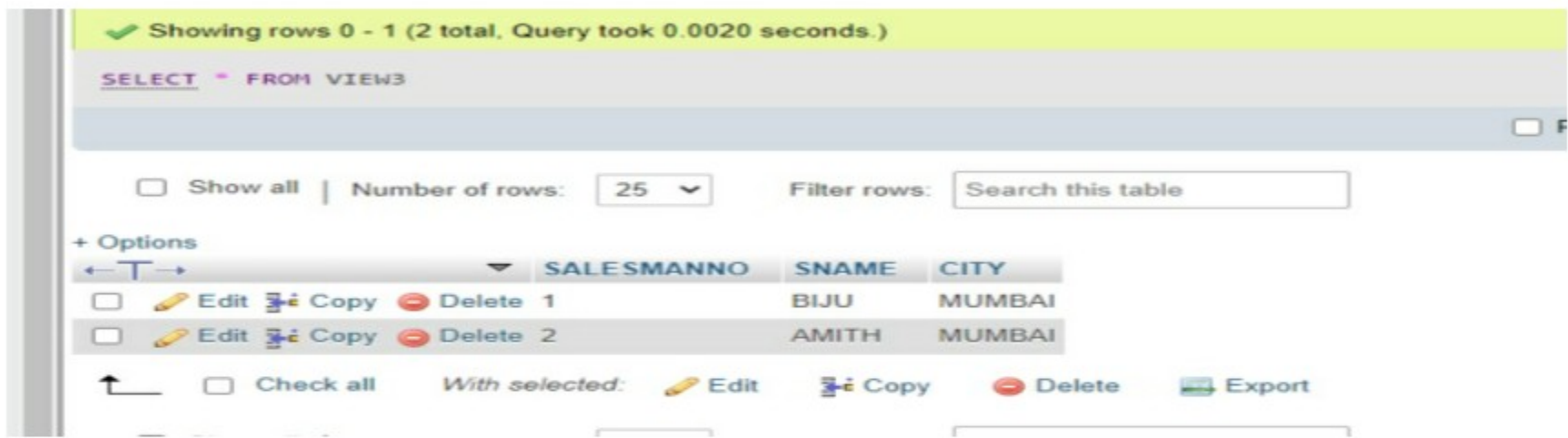
5. Create a view view2 from clientmaster (clientno,cname)



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

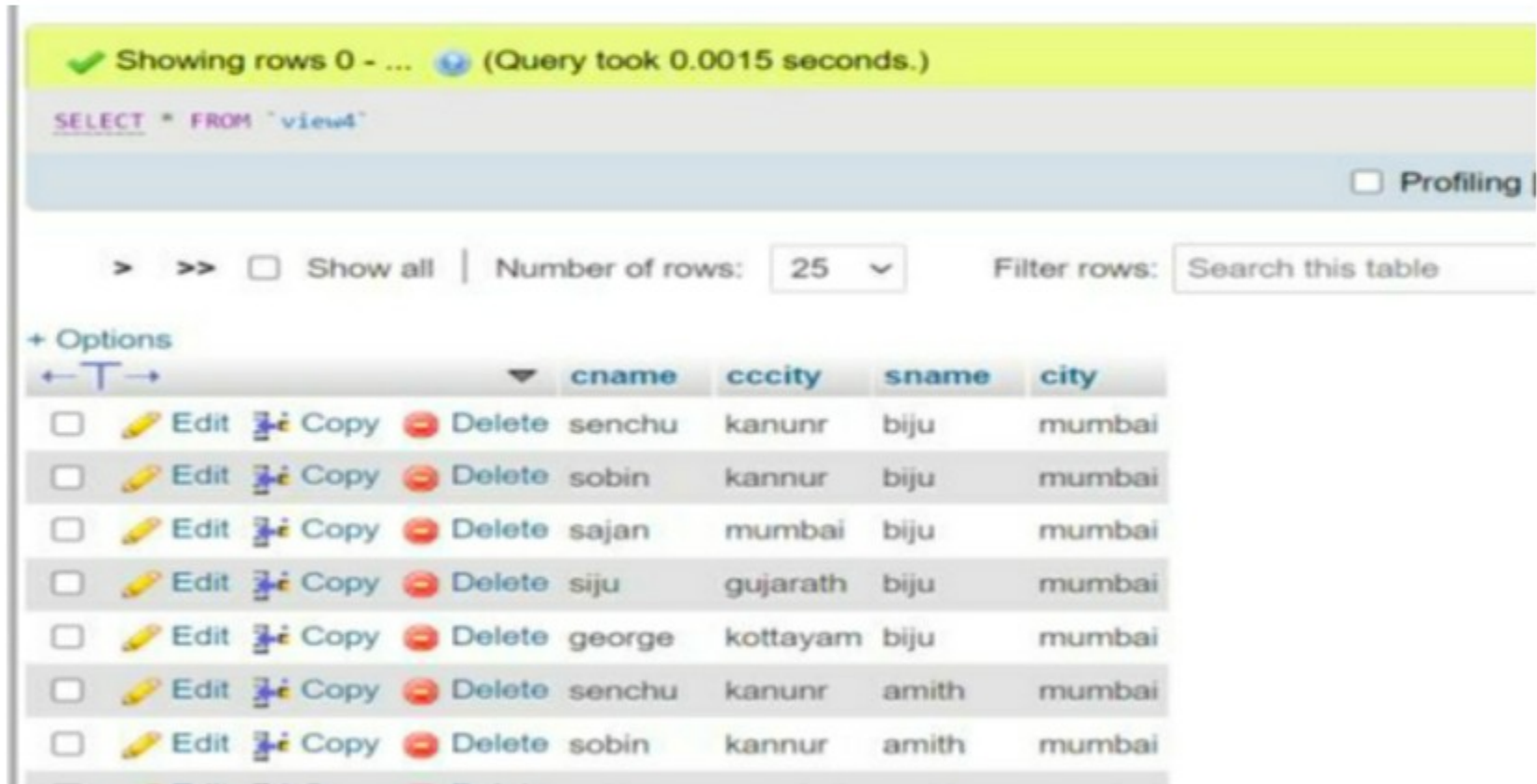


7. Create a view view3 from salesmaster with all columns with condition 'city=mumbai'



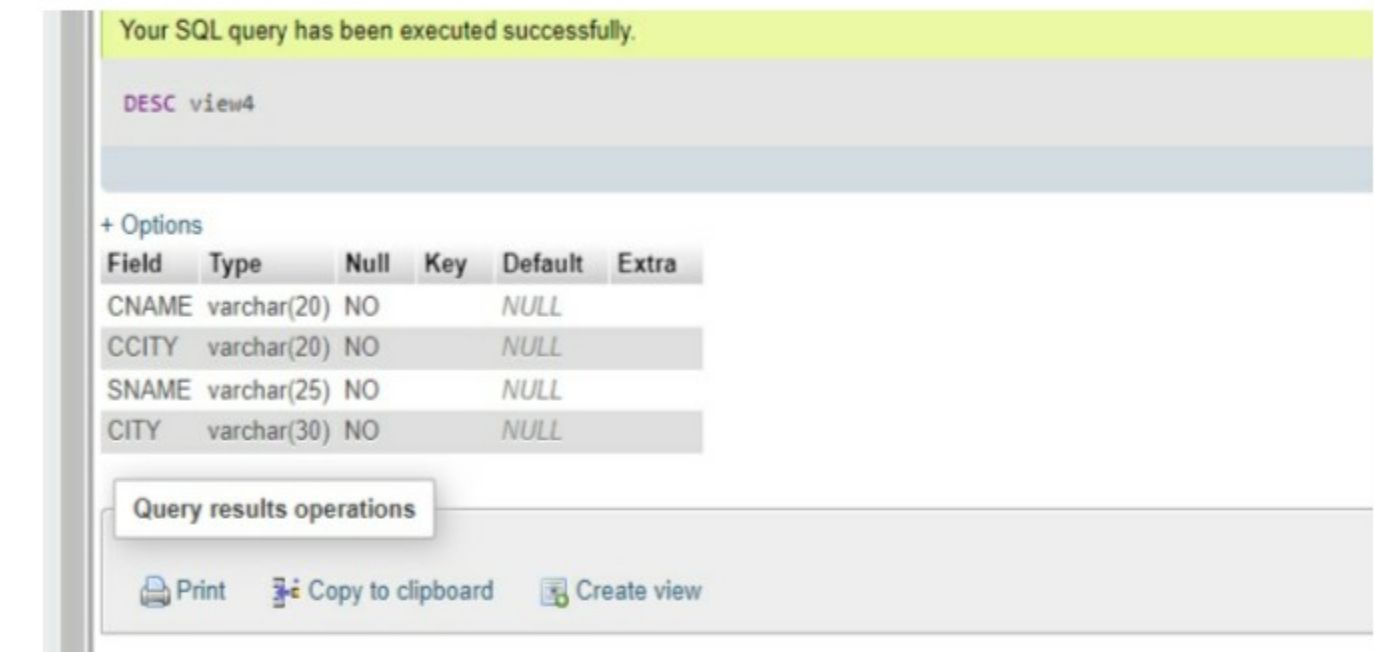
8. Create a view view4 from clientmaster and salesmaster with details (cname,city,sname,city)

```
CREATE VIEW view4 AS SELECT cname,clientmaster.city AS cccity,sname,salesmaster.city FROM clientmaster,salesmaster;
```



9. Describe view4

```
DESC view4;
```



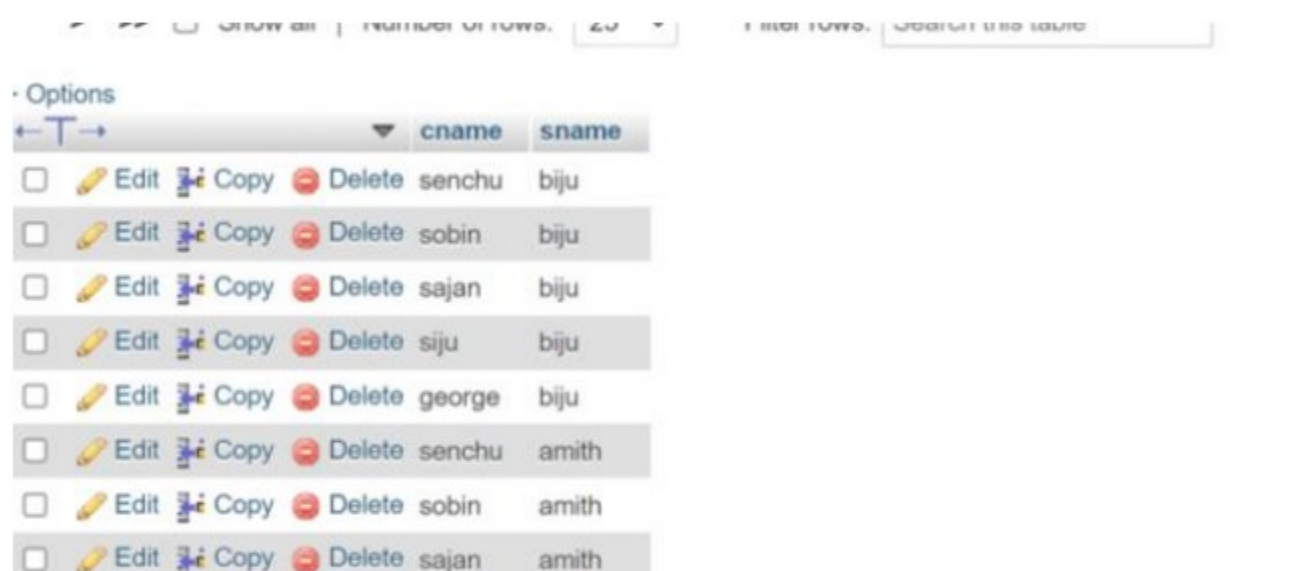
10. Insert one row of data in view4 and observe the output/error message

INSERT INTO view4 (cname, cccity, sname, city) VALUES (lila,tvm,jia,ktm);



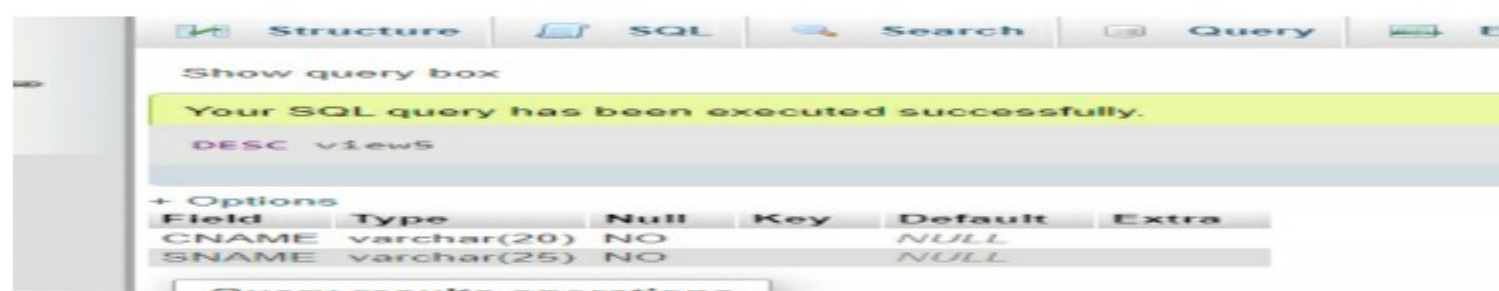
11. Create a view view5 from view4(cname,sname)

CREATE VIEW view5 AS SELECT clientmaster.cname,salesmaster.sname FROM clientmaster,salesmaster;



12. Describe view5

DESC view5;



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

INSERT INTO view5 (cname, sname) VALUES (value-1,value-2);



14. Delete the view4 table

DROP VIEW view4;

15. Delete the view5 table

DROP VIEW view5;

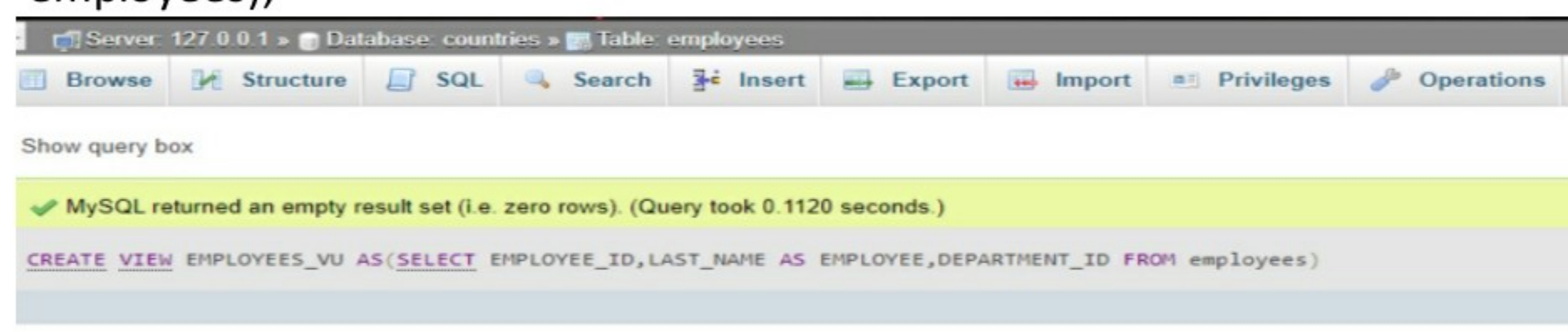
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Practice 10

Part 1

1. 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`.

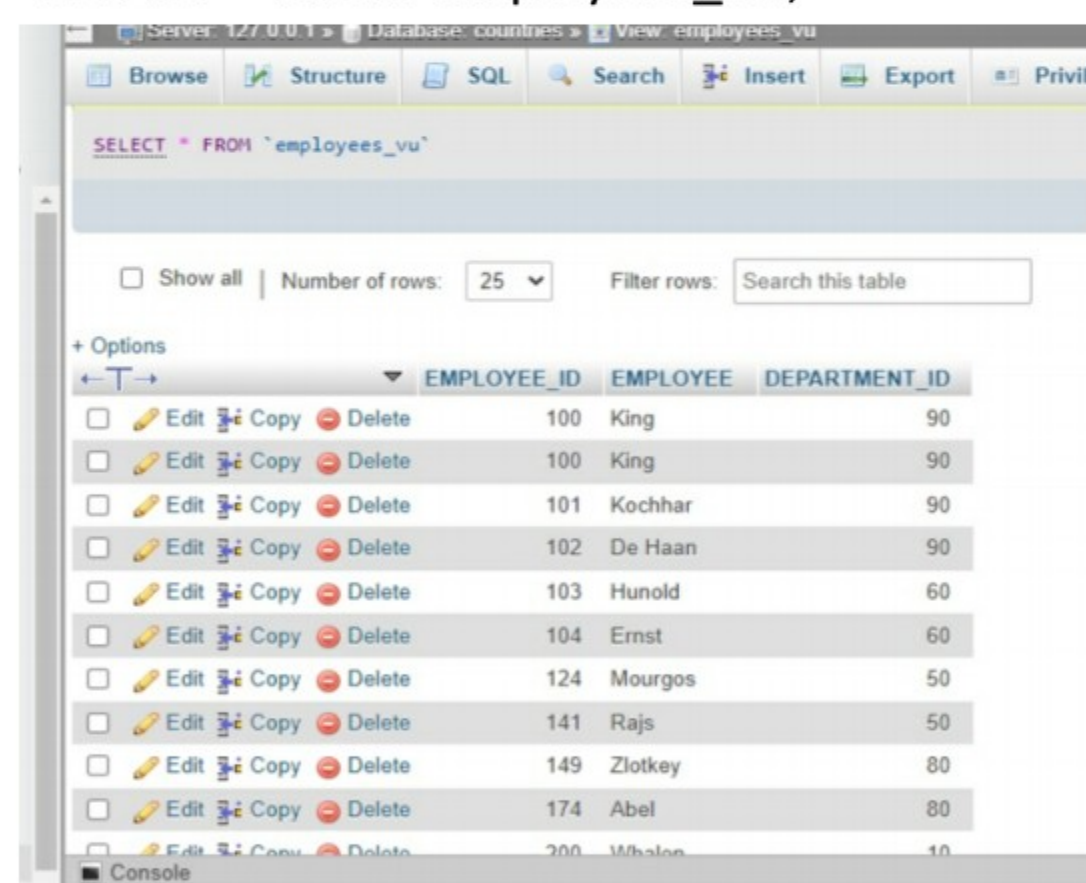
`CREATE VIEW employees_vu AS (SELECT employee_id,last_name as employee,department_id FROM employees);`



17.

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

`SELECT * FROM employees_vu;`



18.

3. 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`

BrowseStructureSQLSearch

Showing rows 0 - 13 (14 total, Query took 0.0038 seconds.)

SELECT

EMPLOYEE,DEPARTMENT_ID

FROM

employees_vu

☐ Show all

Number of rows: 25

Filter rows

+ Options

EMPLOYEE	DEPARTMENT_ID
King	90
King	90
Kochhar	90
De Haan	90
Hunold	60
Ernst	60
Mourgos	50
Rajs	50
Zlotkey	80
Abel	80
Whalen	10
Gietz	110

Console