Avani P A

S2rmca -A BATCH

Roll no:32
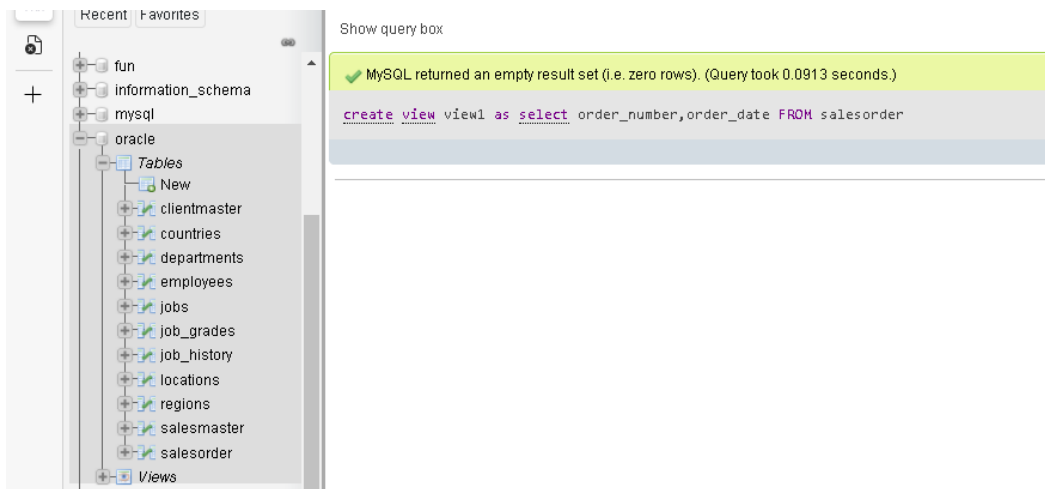
Experiment-10

14/06/2021

Create table

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

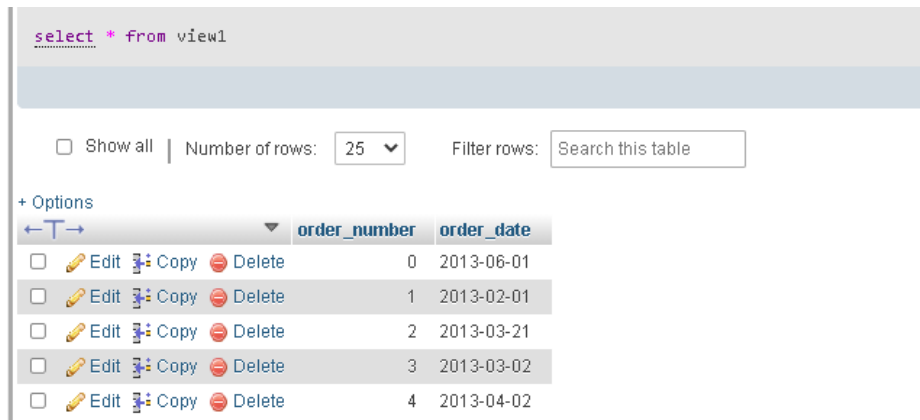   Create view view1 as select order_number,order_date from salesorder;

2) Describe the view view1
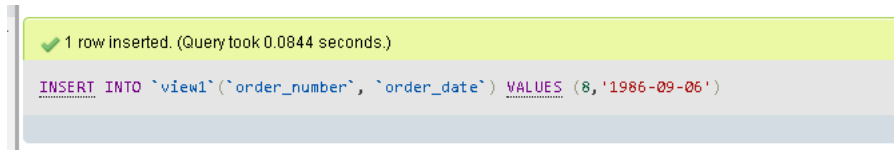
   DESC view1;

3) Display values of view1

Select * from view1;

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

INSERT INTO view1 (order_number,order_date) values (8,'1986-09-06');

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

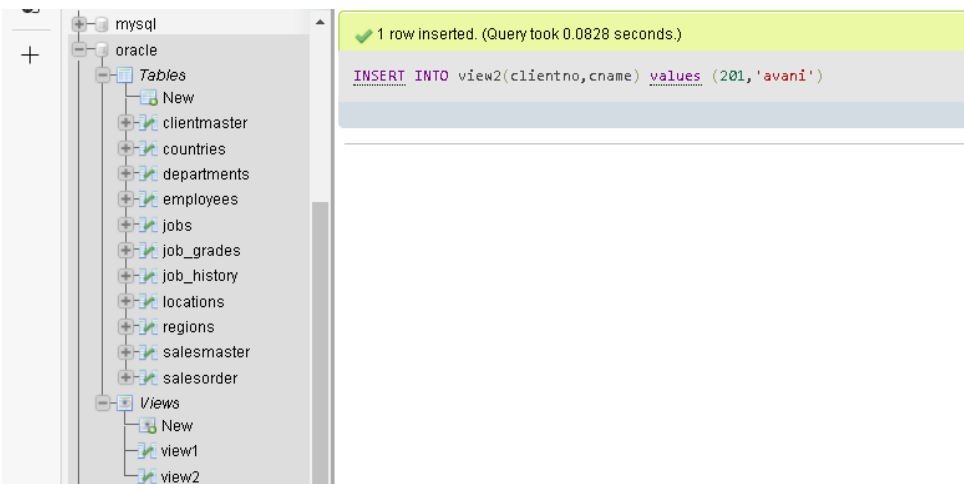Create view view2 as select clientno,cname from cilentmaster;
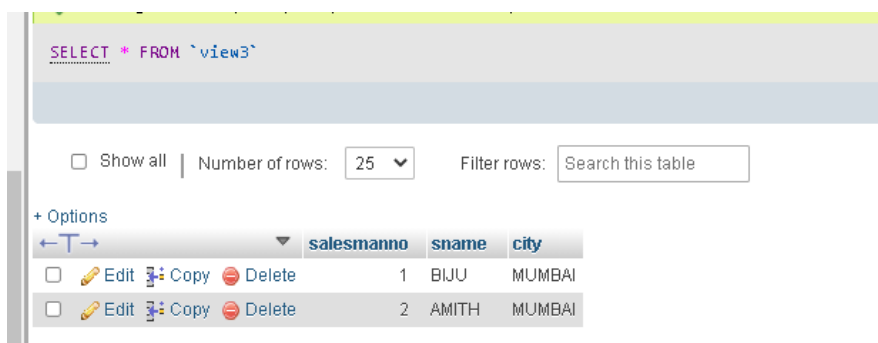

6) Insert one row of data in view2 and observe the output/error message.

INSERT INTO view2(clientno,cname) values (201,'avani');

✔ 1 row inserted. (Query took 0.0828 seconds.)

`INSERT INTO view2(clientno,cname) values (201,'avani')`

7) Create a view view3 from salesmaster with all colums with condition 'cit=mumbai'.

create view view3 as select salesmanno,sname,city FROM salesmaster where city='MUMBAI';

✔ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0551 seconds.)

`create view view3 as select salesmanno,sname,city FROM salesmaster where city='MUMBAI'`

`SELECT * FROM `view3``

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

+ Options

		salesmanno	sname	city
☐ 🖉 Edit 📋 Copy ⊖ Delete		1	BIJU	MUMBAI
☐ 🖉 Edit 📋 Copy ⊖ Delete		2	AMITH	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,cilentmaster;

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0526 seconds.)

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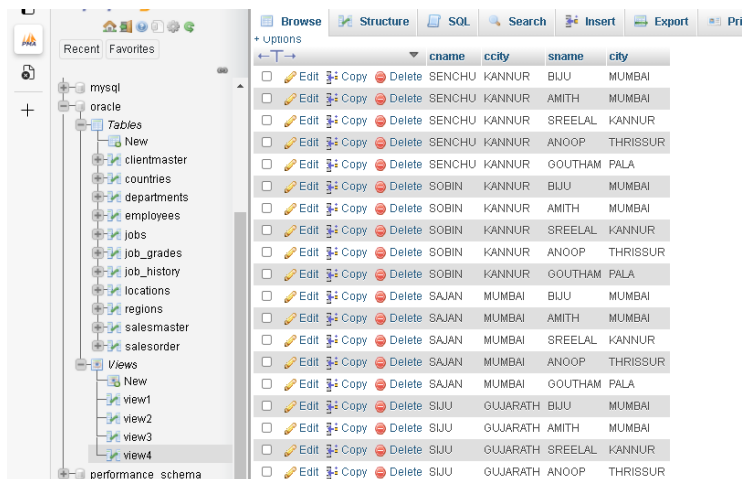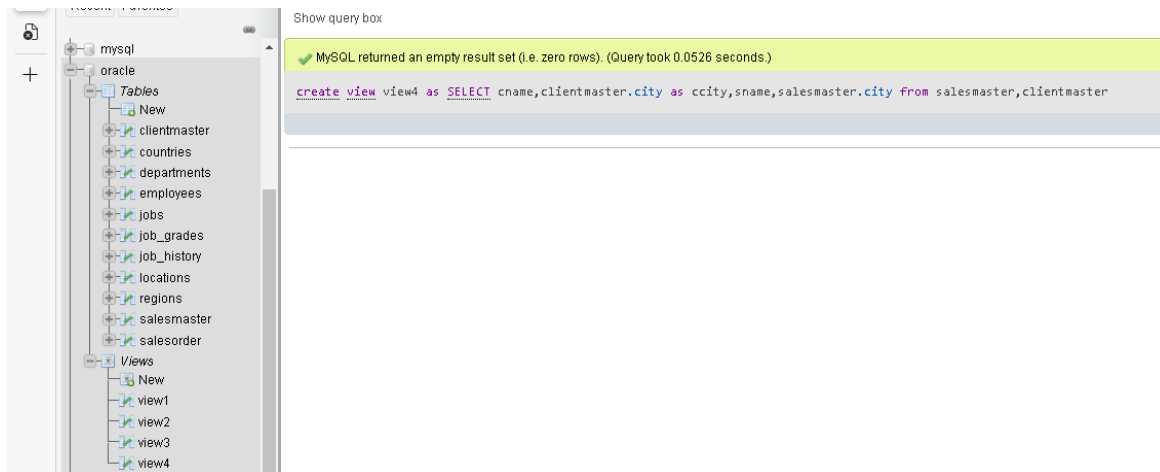

9) Describe view4.

DESC view4;

Your SQL query has been executed successfully.

```
DESC view4
```

+ Options

Field	Type	Null	Key	Default	Extra
cname	varchar(20)	YES		NULL	
ccity	varchar(30)	YES		NULL	
sname	varchar(30)	YES		NULL	
city	varchar(30)	YES		NULL	

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

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

Error

SQL query: Copy
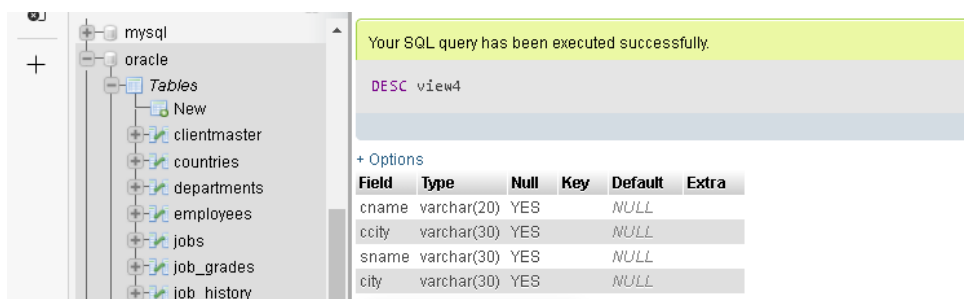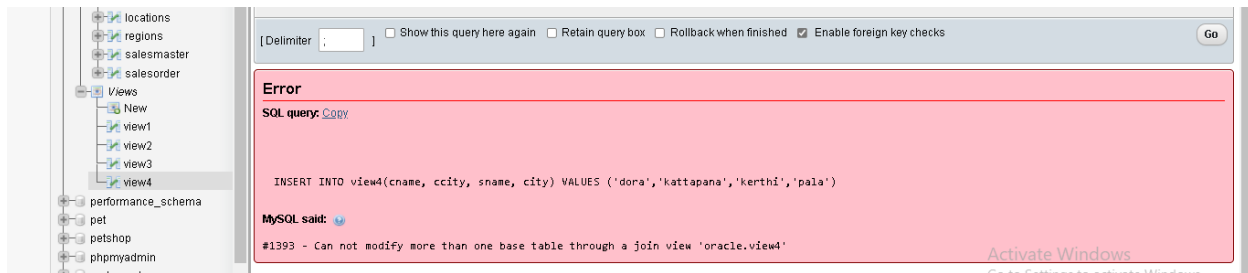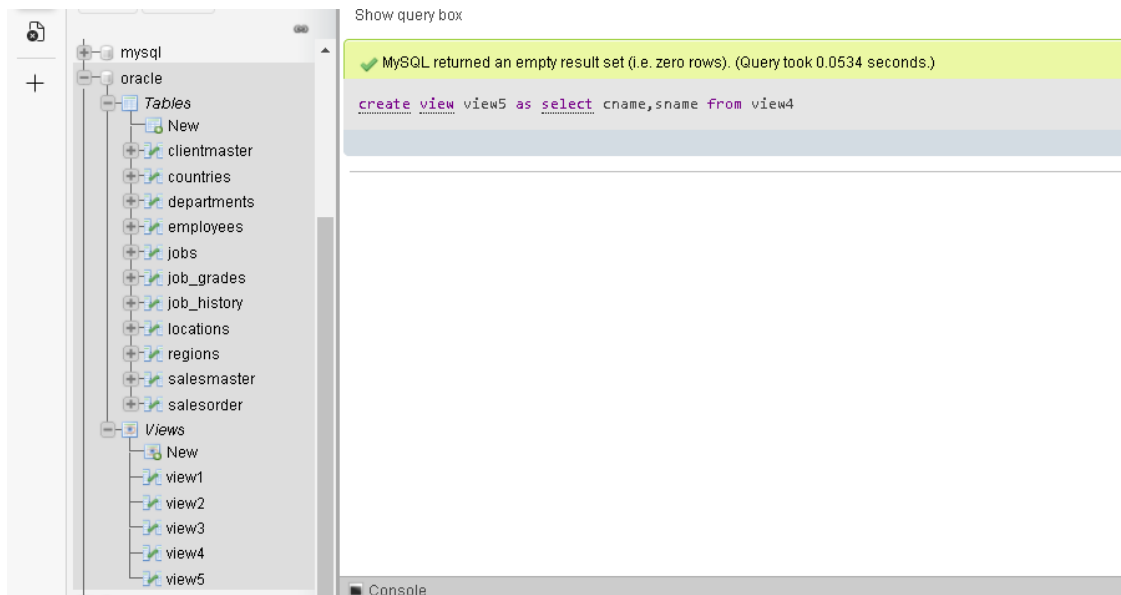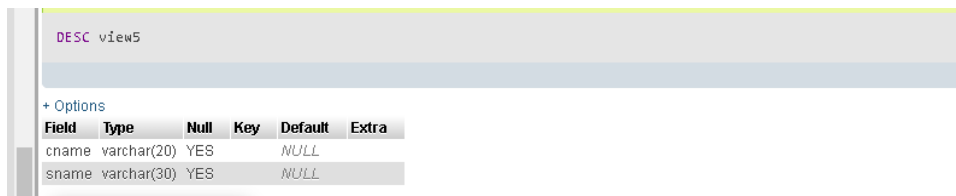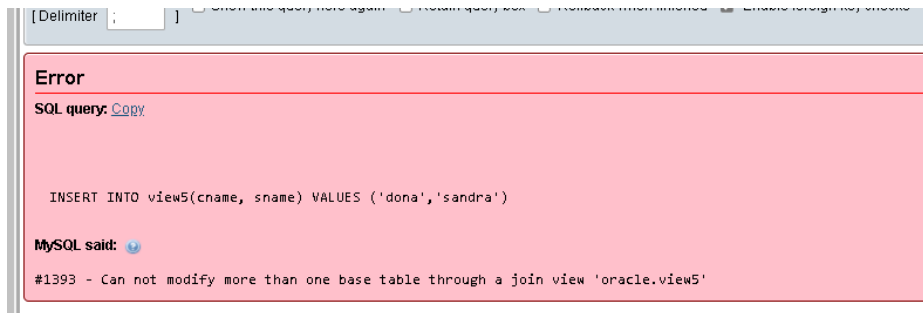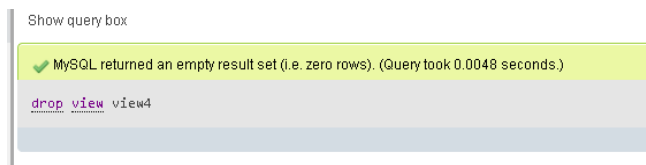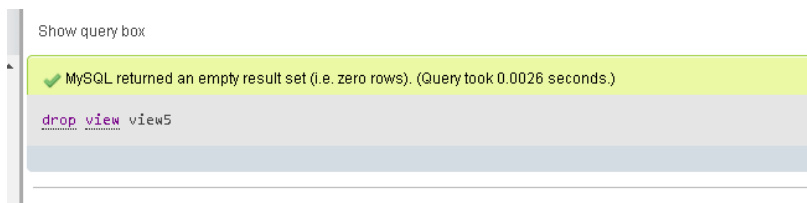
```
INSERT INTO view5(cname, sname) VALUES ('dona','sandra')
```

MySQL said: 🔵

#1393 - Can not modify more than one base table through a join view 'oracle.view5'

14) Delete the view4 table

Drop view view4;

Show query box

✔ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0048 seconds.)

drop view view4

15) Delete the view5 table.
Drop view view5;

Show query box

✔ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0026 seconds.)

drop view view5

Practice 10
Part1
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_names as employee,department_id FROM employees);

employee_id	employee	department_id
101	Kochhar	90
102	De haan	90
103	Hunlod	60
104	Ernst	60
107	Lorentz	60

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

SELECT employee,department_id FROM employees_vu;

+ Options

employee	department_id
Kochhar	90
De haan	90
Hunlod	60
Ernst	60
Lorentz	60

3) Department 50 needs access to its employee data.Create a view named DEPT50 that contains the employee numbers,employee lastnames,and department numbers for all employee in department 50.You have been asked to label the view coloums EMPNO,EMPLOYEE and DEPTNO.For security purpose do not allow an employee to be reassigned to another department through the view.

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

```
CREATE VIEW DEPT50 AS(SELECT employee_id AS EMPNO,last_name AS employee,department_id AS DEPTNO FROM employees where department_id=50)
```
[Edit inline] [Edit] [Create PHP code]

4) Display the structure and content of DEPT50 view.

Desc dept50;

+ Options

Field	Type	Null	Key	Default	Extra
EMPNO	decimal(6,0)	NO		NULL	
employee	varchar(25)	NO		NULL	
DEPTNO	decimal(4,0)	YES		NULL	