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MCA-A:S2:42

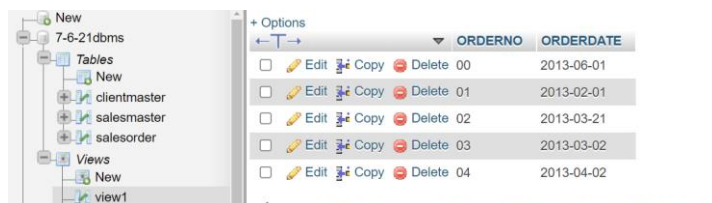
14-6-21

## 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

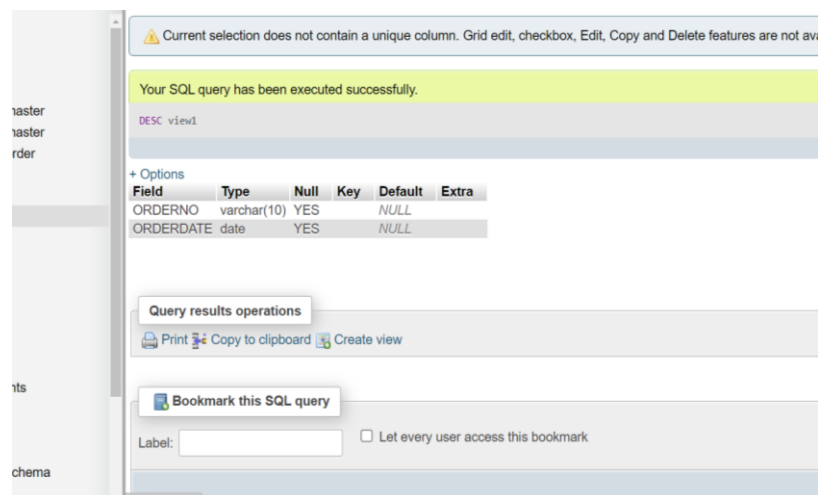
1.Create a view view1 from salesorder with (order number,order date) .

```
CREATE VIEW view1 AS SELECT salesorder.ORDERNO,salesorder.ORDERDATE FROM salesorder;
```



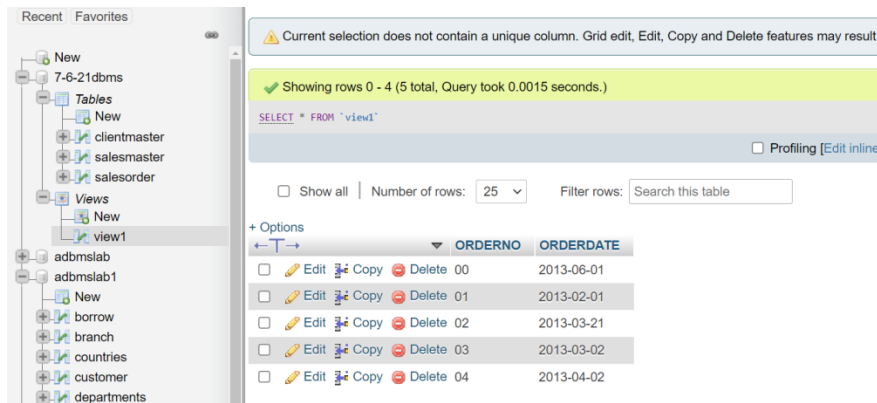
2. Describe the view view1

```
DESC view1;
```



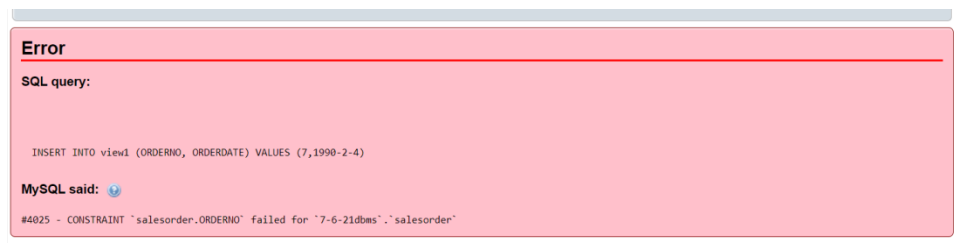
3. Display Values of view1

```
SELECT * FROM view1;
```



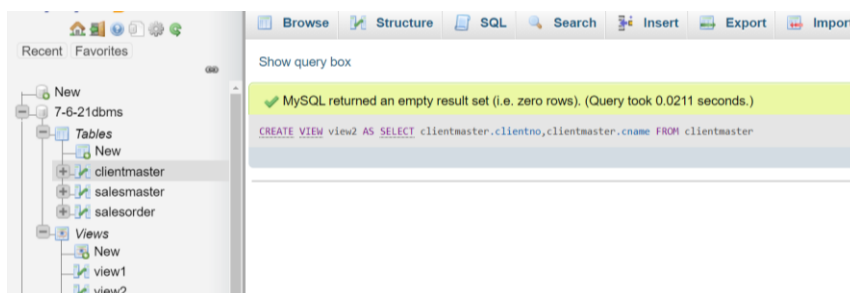
4. Insert one row of data in view1 and observe the output/error message

INSERT INTO view1 (ORDERNO, ORDERDATE) VALUES (7,1990-2-4);



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

CREATE VIEW view2 AS SELECT clientmaster.clientno,clientmaster.cname FROM clientmaster;



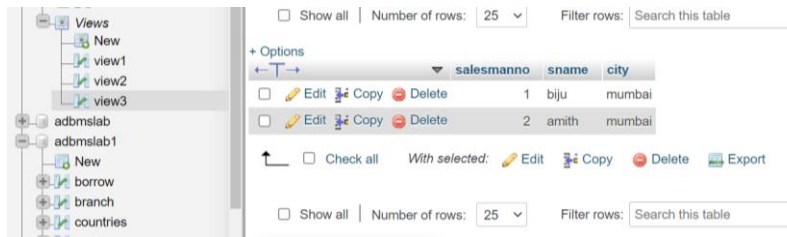
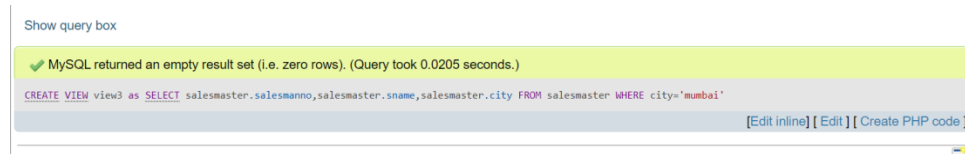
6. Insert one row of data in view2 and observe the output/error message

INSERT INTO view2 (clientno, cname) VALUES (12,jeena);



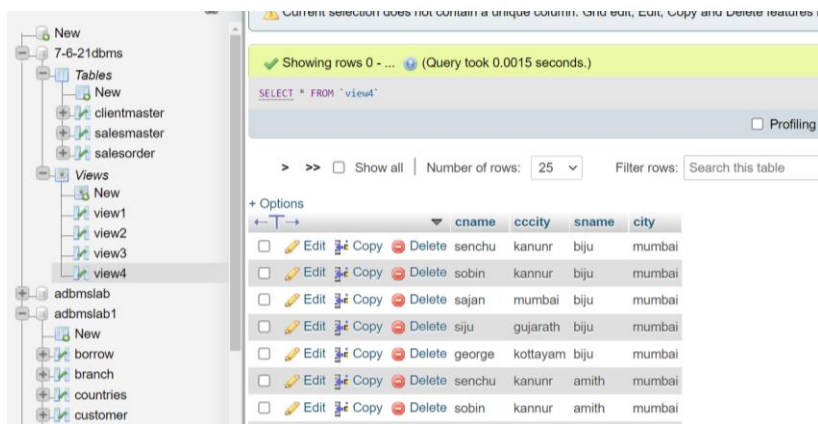
## 7. Create a view view3 from salesmaster with all columns with condition 'cit=mumbai'

```
CREATE VIEW view3 as SELECT salesmaster.salesmanno,salesmaster.sname,salesmaster.city FROM salesmaster WHERE city='mumbai';
```



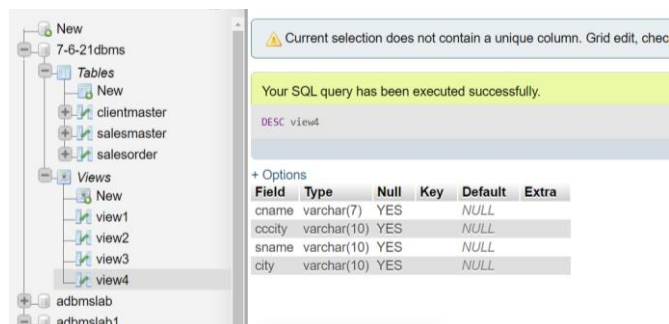
## 8. Create a view view4 from clientmaster and salesmaster with details (cname,city,sname,city)

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



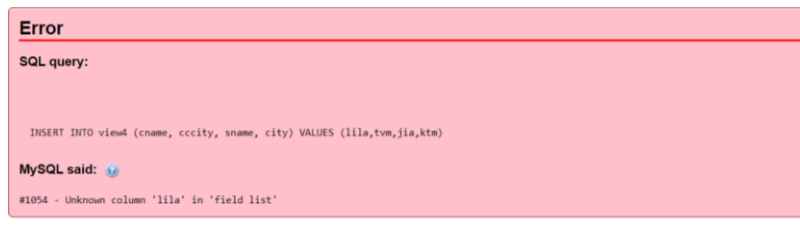
## 9. Describe view4

```
DESC view4;
```



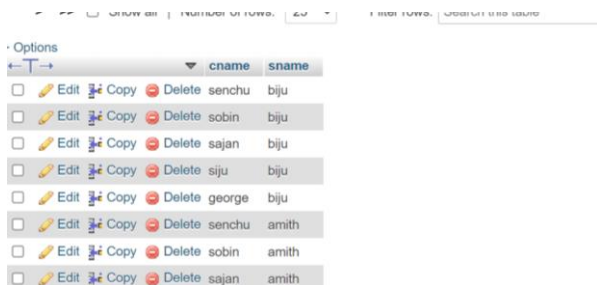
## 10. Insert one row of data in view4 and observe the output/error message

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



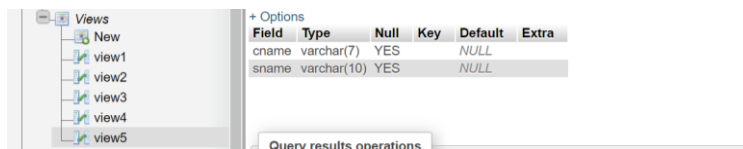
11. Create a view view5 from view4(cname,sname)

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;

### 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\_v AS (SELECT employee\_id,last\_name as employee,department\_id FROM employees);

EMPLOYEE_ID	employees	DEPARTMENT_ID
100	KING	90
101	KOCHHAR	90
102	LDEHAAN	90
103	HONOLD	90
124	MOURGUS	50
144	VARGUS	50
178	GRANT	NULL
205	HIGGINS	110
205	GIETZ	110
100	KING	90

17.

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

SELECT \* FROM employees\_v;

EMPLOYEE_ID	employees	DEPARTMENT_ID
100	KING	90
101	KOCHHAR	90
102	LDEHAAN	90
103	HONOLD	90
124	MOURGUS	50
144	VARGUS	50
178	GRANT	NULL
205	HIGGINS	110
205	GIETZ	110
100	KING	90

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

☐ Show all

Number of rows: 25

Filter rows

+ Options

employees	DEPARTMENT_ID
KING	90
KOCHHAR	90
LDEHAAN	90
HONOLD	90
MOURGUS	50
VARGUS	50
GRANT	NULL
HIGGINS	110
GIETZ	110
KING	90
KOCHHAR	90
LDEHAAN	90
HONOLD	90
MOURGUS	50
VARGUS	50
GRANT	NULL
HIGGINS	110
GIETZ	110