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 order_no,order_date FROM salesorder;

```
✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.1073 seconds.)
CREATE VIEW view1 AS SELECT order_no,order_date FROM salesorder
[Edit inline]
```

2. Describe the view view1

desc view1;

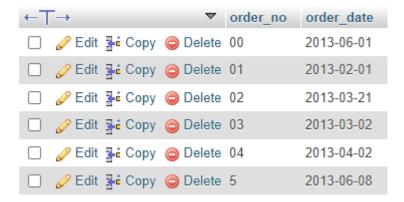


3. Display Values of view1

select*from view1;

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

INSERT INTO view1 VALUES('5','2013-06-08');
select*from view1;



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

CREATE VIEW view2 AS SELECT clientno, cname FROM clientmaster;

```
✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0959 seconds.)
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('107,'Ammu');

select*from view2;



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

CREATE VIEW view3 AS SELECT * FROM salesmaster WHERE city='mumbai';

```
✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0616 seconds.)
CREATE VIEW view3 AS SELECT * 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, sales master.city FROM sales master, clientmaster;

9. Describe view4

Desc view4;

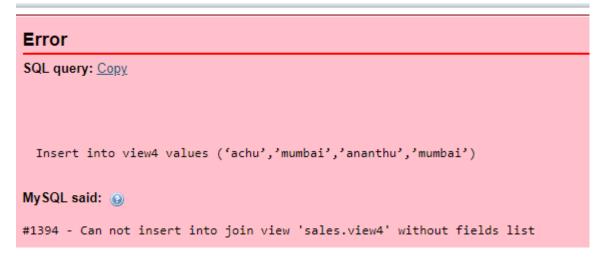


+ Options

Field	Туре	Null	Key	Default	Extra
cname	varchar(40)	YES		NULL	
ccity	varchar(40)	YES		NULL	
sname	varchar(40)	YES		NULL	
city	varchar(40)	YES		NULL	

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

Insert into view4 values ('achu', 'mumbai', 'ananthu', 'mumbai');

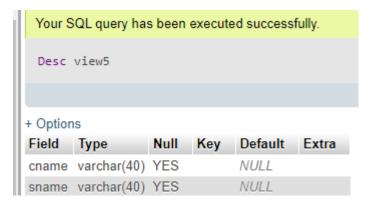


11. Create a view view5 from view4(cname,sname)

CREATE VIEW view5 as SELECT cname, sname FROM view4;

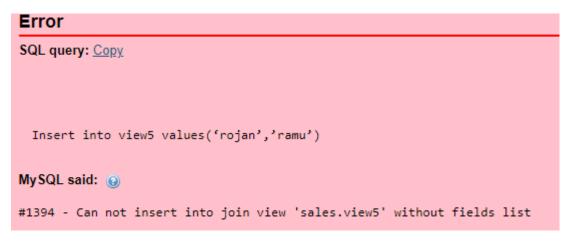
12. Describe view5

Desc view5;



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

Insert into view5 values('rojan','ramu');



14. Delete the view4 table

Drop view view4;

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0011 seconds.)
Drop_view_view4

15. Delete the view5 table

Drop view view5;

