JOMEESH JOSE

ROLL NO:03

RMCA-B S2

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 view2 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)
- 9. Describe view4
- 10. Insert one row of data in view4 and observe the output/error message
- 11. Create a view view5 from view4(cname, sname)
- 12. Describe view5
- 13. Insert one row of data in view5 and observe the output/error message
- 14. Delete the view4 table

15. Delete the view5 table.

QUERY

- 1. CREATE VIEW VIEW1 AS SELECT ORDER_NO,ORDER_DATE FROM SALES ORDER;
- 2. DESC view1;



3.SELECT * FROM VIEW1;



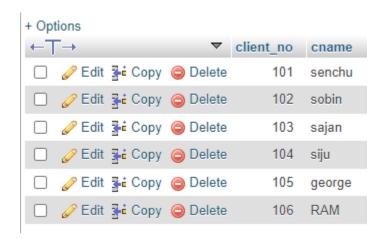
4.INSERT INTO `VIEW1`(`order_no`, `order_date`) VALUES (101,'2013-10-01');



5. CREATE VIEW VIEW2 AS SELECT client_no,cname FROM clientmaster;



6.INSERT INTO 'view2' ('client_no', 'cname') VALUES (106, 'RAM');



7. CREATE VIEW VIEW3 AS SELECT salesmanno, sname, city FROM salesmaster WHERE city='mumbai';



8. CREATE VIEW VIEW4 AS SELECT C.CNAME, C.CITY, S.SNAME, S.CITY FROM clientmaster C, sales master S;

ANS:#1060 - Duplicate column name 'CITY'

CORRECT:

CREATE VIEW VIEW4 AS SELECT C.CNAME,C.CITY AS CCITY,S.SNAME,S.CITY AS SCITY FROM clientmaster C,salesmaster S;

+ Options				
←	CNAME	CCITY	SNAME	SCITY
☐ 🖉 Edit 👫 Copy 🔘 Delete	senchu	kannur	biju	mumbai
☐ Ø Edit ♣ Copy □ Delete	senchu	kannur	amith	mumbai
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☐ 🥜 Edit 👫 Copy 🔘 Delete	sobin	kannur	anoop	thrissur
☐ 🔗 Edit 👫 Copy 🔘 Delete	sobin	kannur	goutham	pala
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☐ 🔗 Edit 👫 Copy 🔘 Delete	sajan	mumbai	amith	mumbai
☐ Ø Edit ♣ Copy Delete	sajan	mumbai	sreelal	kannur
☐ Ø Edit ♣ Copy □ Delete	sajan	mumbai	anoop	thrissur
☐ 🥜 Edit 👫 Copy 🔘 Delete	sajan	mumbai	goutham	pala
☐	siju	gujarath	biju	mumbai
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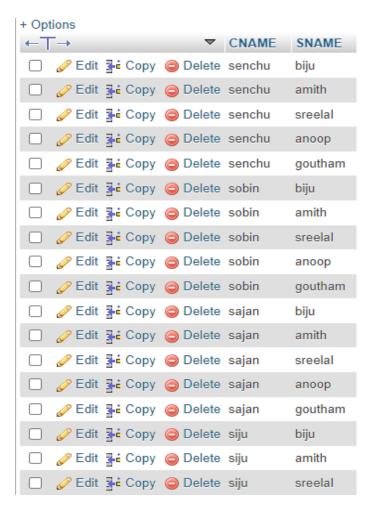
9. DESC view4;



10. INSERT INTO `view4` (`CNAME`, `CCITY`, `SNAME`, `SCITY`) VALUES ('RAMU', 'KERALA', 'BIJU', 'KERALA');

ANS:#1393 - Can not modify more than one base table through a join view 'new_db.view4'

11.CREATE VIEW VIEW5 AS SELECT CNAME, SNAME FROM VIEW4;





12. DESC view5;

+ Options

Field	Туре	Null	Key	Default	Extra
CNAME	varchar(20)	YES		NULL	
SNAME	varchar(20)	YES		NULL	

13. INSERT INTO `view5`(`CNAME`, `SNAME`) VALUES ('RAMAN','CHANDRAN');

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

14.DROP VIEW view5;

15.DROP VIEW view4;