

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;

+ Options

Field	Type	Null	Key	Default	Extra
order_no	varchar(20)	NO		NULL	
order_date	date	YES		NULL	




















3.SELECT * FROM VIEW1;

+ Options

					order_no	order_date		
<input type="checkbox"/>		Edit		Copy		Delete	0	2013-06-01
<input type="checkbox"/>		Edit		Copy		Delete	1	2013-02-01
<input type="checkbox"/>		Edit		Copy		Delete	2	2013-03-21
<input type="checkbox"/>		Edit		Copy		Delete	3	2013-03-02
<input type="checkbox"/>		Edit		Copy		Delete	4	2013-04-02
















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

+ Options

					order_no	order_date	
<input type="checkbox"/>		Edit		Copy	 Delete	0	2013-06-01
<input type="checkbox"/>		Edit		Copy	 Delete	1	2013-02-01
<input type="checkbox"/>		Edit		Copy	 Delete	101	2013-10-01
<input type="checkbox"/>		Edit		Copy	 Delete	2	2013-03-21
<input type="checkbox"/>		Edit		Copy	 Delete	3	2013-03-02
<input type="checkbox"/>		Edit		Copy	 Delete	4	2013-04-02



















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

+ Options

				client_no	cname
<input type="checkbox"/>				101	senchu
<input type="checkbox"/>				102	sobin
<input type="checkbox"/>				103	sajan
<input type="checkbox"/>				104	siju
<input type="checkbox"/>				105	george







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

+ Options

				client_no	cname
<input type="checkbox"/>				101	senchu
<input type="checkbox"/>				102	sobin
<input type="checkbox"/>				103	sajan
<input type="checkbox"/>				104	siju
<input type="checkbox"/>				105	george
<input type="checkbox"/>				106	RAM

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

+ Options

				salesmanno	sname	city
<input type="checkbox"/>				1	biju	mumbai
<input type="checkbox"/>				2	amith	mumbai























































8.CREATE VIEW VIEW4 AS SELECT C.CNAME,C.CITY,S.SNAME,S.CITY FROM clientmaster C,salesmaster 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

<div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div></div></div>						CNAME	CCITY	SNAME	SCITY	
<input type="checkbox"/>		Edit		Copy		Delete	senchu	kannur	biju	mumbai
<input type="checkbox"/>		Edit		Copy		Delete	senchu	kannur	amith	mumbai
<input type="checkbox"/>		Edit		Copy		Delete	senchu	kannur	sreelal	kannur
<input type="checkbox"/>		Edit		Copy		Delete	senchu	kannur	anoop	thrissur
<input type="checkbox"/>		Edit		Copy		Delete	senchu	kannur	goutham	pala
<input type="checkbox"/>		Edit		Copy		Delete	sobin	kannur	biju	mumbai
<input type="checkbox"/>		Edit		Copy		Delete	sobin	kannur	amith	mumbai
<input type="checkbox"/>		Edit		Copy		Delete	sobin	kannur	sreelal	kannur
<input type="checkbox"/>		Edit		Copy		Delete	sobin	kannur	anoop	thrissur
<input type="checkbox"/>		Edit		Copy		Delete	sobin	kannur	goutham	pala
<input type="checkbox"/>		Edit		Copy		Delete	sajan	mumbai	biju	mumbai
<input type="checkbox"/>		Edit		Copy		Delete	sajan	mumbai	amith	mumbai
<input type="checkbox"/>		Edit		Copy		Delete	sajan	mumbai	sreelal	kannur
<input type="checkbox"/>		Edit		Copy		Delete	sajan	mumbai	anoop	thrissur
<input type="checkbox"/>		Edit		Copy		Delete	sajan	mumbai	goutham	pala
<input type="checkbox"/>		Edit		Copy		Delete	siju	gujarath	biju	mumbai
<input type="checkbox"/>		Edit		Copy		Delete	siju	gujarath	amith	mumbai
<input type="checkbox"/>		Edit		Copy		Delete	siju	gujarath	sreelal	kannur

<input type="checkbox"/>		Edit		Copy		Delete	siju	gujarath	anoop	thrissur
<input type="checkbox"/>		Edit		Copy		Delete	siju	gujarath	goutham	pala
<input type="checkbox"/>		Edit		Copy		Delete	george	kottayam	biju	mumbai
<input type="checkbox"/>		Edit		Copy		Delete	george	kottayam	amith	mumbai
<input type="checkbox"/>		Edit		Copy		Delete	george	kottayam	sreelal	kannur
<input type="checkbox"/>		Edit		Copy		Delete	george	kottayam	anoop	thrissur
<input type="checkbox"/>		Edit		Copy		Delete	george	kottayam	goutham	pala

9. DESC view4;

+ Options























































Field	Type	Null	Key	Default	Extra
CNAME	varchar(20)	YES		NULL	
CCITY	varchar(26)	YES		NULL	
SNAME	varchar(20)	YES		NULL	
SCITY	varchar(10)	YES		NULL	

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;

+ Options

				CNAME	SNAME
<input type="checkbox"/>				senchu	biju
<input type="checkbox"/>				senchu	amith
<input type="checkbox"/>				senchu	sreelal
<input type="checkbox"/>				senchu	anoop
<input type="checkbox"/>				senchu	goutham
<input type="checkbox"/>				sobin	biju
<input type="checkbox"/>				sobin	amith
<input type="checkbox"/>				sobin	sreelal
<input type="checkbox"/>				sobin	anoop
<input type="checkbox"/>				sobin	goutham
<input type="checkbox"/>				sajan	biju
<input type="checkbox"/>				sajan	amith
<input type="checkbox"/>				sajan	sreelal
<input type="checkbox"/>				sajan	anoop
<input type="checkbox"/>				sajan	goutham
<input type="checkbox"/>				siju	biju
<input type="checkbox"/>				siju	amith
<input type="checkbox"/>				siju	sreelal

<input type="checkbox"/>	 Edit	 Copy	 Delete	siju	anoop
<input type="checkbox"/>	 Edit	 Copy	 Delete	siju	goutham
<input type="checkbox"/>	 Edit	 Copy	 Delete	george	biju
<input type="checkbox"/>	 Edit	 Copy	 Delete	george	amith
<input type="checkbox"/>	 Edit	 Copy	 Delete	george	sreelal
<input type="checkbox"/>	 Edit	 Copy	 Delete	george	anoop
<input type="checkbox"/>	 Edit	 Copy	 Delete	george	goutham

12. DESC view5;

+ Options

Field	Type	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;