

ADBMS Lab-14-06-2021

1) create view view1(order_number,orderdate) as select order_number,orderdate from sales_order

2)DESC view1

```
desc view1
```

[+ Options](#)
















Field	Type	Null	Key	Default	Extra
order_number	int(11)	YES		NULL	
orderdate	date	YES		NULL	

3)SELECT * FROM view1

```
SELECT * FROM view1
```

☐ Show all | Number of rows: Filter rows:

[+ Options](#)
















				order_number	orderdate
<input type="checkbox"/>		Edit		Copy	 Delete
				0	2013-01-01
<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_number,orderdate) VALUES('209','1999-12-01')

```
SELECT * FROM `view1`
```

☐ Show all | Number of rows: 25 ▼ Filter rows: Se

+ Options

				order_number	orderdate
<input type="checkbox"/>		Edit	 Copy  Delete	0	2013-01-01
<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
<input type="checkbox"/>		Edit	 Copy  Delete	209	1999-12-01
















5)CREATE VIEW view2(clientno,cname) AS SELECT clientno,cname from clientmaster

6)INSERT INTO view2(clientno,cname) VALUES(119,'chinnu')

```
SELECT * FROM `view2`
```

☐ Show all | Number of rows: 25 ▼ Filte

+ Options

<div><div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div><div></div></div>						clientno	cname	
<input type="checkbox"/>		Edit		Copy		Delete	101	senchu
<input type="checkbox"/>		Edit		Copy		Delete	102	sobin
<input type="checkbox"/>		Edit		Copy		Delete	103	sajan
<input type="checkbox"/>		Edit		Copy		Delete	104	siju
<input type="checkbox"/>		Edit		Copy		Delete	105	george
<input type="checkbox"/>		Edit		Copy		Delete	119	chinnu

7) CREATE VIEW view3(salesno,sname,city) AS select salesno,sname,city from salesmaster where city="mumbai"

✓ Showing rows 0 - 1 (2 total, Query took 0.0016 seconds.)

```
SELECT * FROM `view3`
```

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

+ Options

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

8)CREATE VIEW view4 AS SELECT cname,clientmaster.city as clientmastercity ,salesmaster.sname,salesmaster.city from salesmaster,clientmaster

```
SELECT * FROM `view4`
```

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

+ Options

	cname	clientmastercity	sname	city
<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

Console

9)DESC view4

```
DESC view4
```

+ Options


Field	Type	Null	Key	Default	Extra
cname	varchar(10)	YES		NULL	
clientmastercity	varchar(10)	YES		NULL	
sname	varchar(10)	YES		NULL	
city	varchar(10)	YES		NULL	

10)INSERT INTO view4(cname,city,sname,city) VALUES('abu','idukki','aju','idukki')

Error

SQL query: [Copy](#)

```
INSERT INTO view4(cname,city,sname,city) VALUES('abu','idukki','aju','idukki')
```

MySQL said: 

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

```
SELECT * FROM `view4`
```

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

+ Options

	cname	clientmastercity	sname	city
<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

Console

11)create view view5(cname,sname) as select cname,sname from view4

```
SELECT * FROM `view5`
```

> >> ☐ Show all | Number of rows: 25 Fill

+ Options

	cname	sname
<input type="checkbox"/> Edit Copy Delete	senchu	biju
<input type="checkbox"/> Edit Copy Delete	senchu	amith
<input type="checkbox"/> Edit Copy Delete	senchu	sreelal
<input type="checkbox"/> Edit Copy Delete	senchu	anoop
<input type="checkbox"/> Edit Copy Delete	senchu	goutham
<input type="checkbox"/> Edit Copy Delete	sobin	biju
<input type="checkbox"/> Edit Copy Delete	sobin	amith
<input type="checkbox"/> Edit Copy Delete	sobin	sreelal
<input type="checkbox"/> Edit Copy Delete	sobin	anoop
<input type="checkbox"/> Edit Copy Delete	sobin	goutham
<input type="checkbox"/> Edit Copy Delete	sajan	biju
<input type="checkbox"/> Edit Copy Delete	sajan	amith
<input type="checkbox"/> Edit Copy Delete	sajan	sreelal
<input type="checkbox"/> Edit Copy Delete	sajan	anoop

12)desc view5

```
desc view5
```

+ Options


Field	Type	Null	Key	Default	Extra
cname	varchar(10)	YES		NULL	
sname	varchar(10)	YES		NULL	

13)INSERT INTO view5(cname,sname) VALUES('anu','binu')

Error

SQL query: [Copy](#)

```
INSERT INTO view5(cname,sname) VALUES('anu','binu')
```

MySQL said: 

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

14)drop view view4

15)drop view view5

16) CREATE view employees_vu(employee_id ,employees,department_id) AS SELECT
employee_id,First_name,department_id FROM employees

```
SELECT * FROM `employees_vu`
```

☐ Show all | Number of rows: 25 ▼ Filter rows:

+ Options

		employee_id	employees	department_id
<input type="checkbox"/>	Edit Copy Delete	100	steve	90
<input type="checkbox"/>	Edit Copy Delete	101	neena	90
<input type="checkbox"/>	Edit Copy Delete	102	lex	90
<input type="checkbox"/>	Edit Copy Delete	103	alexander	60
<input type="checkbox"/>	Edit Copy Delete	104	bruce	60
<input type="checkbox"/>	Edit Copy Delete	107	diana	60
<input type="checkbox"/>	Edit Copy Delete	124	kevin	50

17) DESC employees_vu

```
desc employees_vu
```

+ Options

Field	Type	Null	Key	Default	Extra
employee_id	int(11)	NO		NULL	
employees	varchar(20)	NO		NULL	
department_id	int(11)	NO		NULL	

18) select employee,department_id from employees_vi

```
select employees,department_id from employees_vu
```

☐ Show all | Number of rows: 25 ▼ Filter rows:

+ Options

employees	department_id
steve	90
neena	90
lex	90
alexander	60
bruce	60
diana	60
kevin	50

19) create view dept50(employee_id,last_name,deptment_id) AS SELECT employee_id,last_name,department_id

✓ Showing rows 0 - 6 (7 total, Query took 0.0017 seconds.)

```
SELECT * FROM `dept50`
```

☐ Show all

Number of rows:

25



Filter rows:

Search this table

+ Options

				employee_id	last_name	department_id
<input type="checkbox"/>		Edit		Copy		Delete
				100	king	90
<input type="checkbox"/>		Edit		Copy		Delete
				101	kochhar	90
<input type="checkbox"/>		Edit		Copy		Delete
				102	de haan	90
<input type="checkbox"/>		Edit		Copy		Delete
				103	hunold	60
<input type="checkbox"/>		Edit		Copy		Delete
				104	ernst	60
<input type="checkbox"/>		Edit		Copy		Delete
				107	lorentz	60
<input type="checkbox"/>		Edit		Copy		Delete
				124	mourgos	50

20) desc dept50

select * from dept50

✓ Showing rows 0 - 6 (7 total, Query took 0.0024 seconds.)

```
SELECT * from dept50
```

☐ Show all

Number of rows:

25



Filter rows:

Search this table

+ Options

					employee_id	last_name	department_id
<input type="checkbox"/>		Edit		Copy		Delete	
					100	kingabroad	90
<input type="checkbox"/>		Edit		Copy		Delete	
					101	kingsman	90
<input type="checkbox"/>		Edit		Copy		Delete	
					102	kingsman	90
<input type="checkbox"/>		Edit		Copy		Delete	
					103	kingsman	60
<input type="checkbox"/>		Edit		Copy		Delete	
					104	kingsman	60
<input type="checkbox"/>		Edit		Copy		Delete	
					107	kingsman	60
<input type="checkbox"/>		Edit		Copy		Delete	
					124	kingsman	50


```
desc dept50
```

+ Options

Field	Type	Null	Key	Default	Extra
employee_id	int(11)	NO		NULL	
last_name	varchar(25)	NO		NULL	
department_id	int(11)	NO		NULL	

22) update dept50 set last_name="ruin " where employee_id=101

```
SELECT * FROM dept50
```

☐ Show all





Number of rows:

25

Filter rows:

Search this table

+ Options

				employee_id	last_name	department_id
<input type="checkbox"/>	 Edit	 Copy	 Delete	100	kingabroad	90
<input type="checkbox"/>	 Edit	 Copy	 Delete	101	ruin	90
<input type="checkbox"/>	 Edit	 Copy	 Delete	102	shamiw	90
<input type="checkbox"/>	 Edit	 Copy	 Delete	103	porte	60
<input type="checkbox"/>	 Edit	 Copy	 Delete	104	john	60
<input type="checkbox"/>	 Edit	 Copy	 Delete	107	beon	60
<input type="checkbox"/>	 Edit	 Copy	 Delete	124	alorg	50