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

		order_no	order_date
□ Edit Copy Delete		0	2013-06-01
□ Edit Copy Delete		1	2013-02-01
□ Edit Copy Delete		2	2013-03-21
□ Edit Copy Delete		3	2013-03-02
□ Edit Copy Delete		4	2013-04-02

2. Describe the view view1

Field	Type	Null	Key	Default	Extra
order_no	int(11)	NO		NULL	
order_date	date	YES		NULL	

3. Display Values of view1

		order_no	order_date
□ Edit Copy Delete		0	2013-06-01
□ Edit Copy Delete		1	2013-02-01
□ Edit Copy Delete		2	2013-03-21
□ Edit Copy Delete		3	2013-03-02
□ Edit Copy Delete		4	2013-04-02

↑ □ Check all   With selected: Edit   Copy   D

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

		order_no	order_date
□ Edit Copy Delete		0	2013-06-01
□ Edit Copy Delete		1	2013-02-01
□ Edit Copy Delete		2	2013-03-21
□ Edit Copy Delete		3	2013-03-02
□ Edit Copy Delete		4	2013-04-02
□ Edit Copy Delete		5	2013-06-01

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

				client_no	cname
☐	Edit	Copy	Delete	101	senchu
☐	Edit	Copy	Delete	102	sobin
☐	Edit	Copy	Delete	103	sajan
☐	Edit	Copy	Delete	104	siju
☐	Edit	Copy	Delete	105	george

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

				client_no	cname
☐	Edit	Copy	Delete	101	senchu
☐	Edit	Copy	Delete	102	sobin
☐	Edit	Copy	Delete	103	sajan
☐	Edit	Copy	Delete	104	siju
☐	Edit	Copy	Delete	105	george
☐	Edit	Copy	Delete	106	abel

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

				salesmanno	sname	city
☐	Edit	Copy	Delete	1	biju	mumbai
☐	Edit	Copy	Delete	2	amith	mumbai

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

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0825 seconds.)

CREATE VIEW view4 AS SELECT cname,clientmaster.city as ccity,sname,salesmaster.city from salesmaster,clientmaster

9. Describe view4

Field	Type	Null	Key	Default	Extra
cname	varchar(20)	YES		NULL	
ccity	varchar(20)	YES		NULL	
sname	varchar(20)	YES		NULL	
city	varchar(10)	YES		NULL	

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

Error

SQL query: Copy

INSERT into view4 VALUES("sanu","kochi","jiya","kollam")

MySQL said:

#1394 - Can not insert into join view 'saleslab.view4' without fields list

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

+ Options

				cname	sname
☐	✏ Edit	⊒ Copy	⊖ Delete	senchu	biju
☐	✏ Edit	⊒ Copy	⊖ Delete	senchu	amith
☐	✏ Edit	⊒ Copy	⊖ Delete	senchu	sreelal

12. Describe view5

Field	Type	Null	Key	Default	Extra
cname	varchar(20)	YES		NULL	
sname	varchar(20)	YES		NULL	

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

Error

SQL query: Copy

INSERT into view5 VALUES("john","joseph")

MySQL said:

#1394 - Can not insert into join view 'saleslab.view5' without fields list

14. Delete the view4 table

15.Delete the view5 table.

✔ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0053 seconds.)

DROP VIEW view5

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.

✔ MySQL returned an empty result set (i.e. zero rows). (Query took 0.1053 seconds.)

```
CREATE VIEW employees_vu as(SELECT employee_id,last_name as employee,department_id FROM emplooyees)
```

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

				employee_id	employee	department_id
☐	🖉 Edit	⬖ Copy	⊖ Delete	100	king	90
☐	🖉 Edit	⬖ Copy	⊖ Delete	101	KOCHAR	90
☐	🖉 Edit	⬖ Copy	⊖ Delete	101	KOCHAR	90
☐	🖉 Edit	⬖ Copy	⊖ Delete	102	DEE HAAN	90
☐	🖉 Edit	⬖ Copy	⊖ Delete	103	HUNOLD	90
☐	🖉 Edit	⬖ Copy	⊖ Delete	104	ERNST	60
☐	🖉 Edit	⬖ Copy	⊖ Delete	107	LORENTZ	60
☐	🖉 Edit	⬖ Copy	⊖ Delete	124	MOURGOS	60
☐	🖉 Edit	⬖ Copy	⊖ Delete	141	RAJS	50
☐	🖉 Edit	⬖ Copy	⊖ Delete	142	DAVIES	50

3. Using your EMPLOYEES_VU view, write a query for the HR department to display all employee names and department numbers.

employee	department_id
king	90
KOCHAR	90
KOCHAR	90
DEE HAAN	90
HUNOLD	90
ERNST	60
LORENTZ	60
MOURGOS	60
RAJS	50
DAVIES	50

4. Department 50 needs access to its employee data. Create a view named `DEPT50` that contains the employee numbers, employee last names, and department numbers for all employees in department 50. You have been asked to label the view columns `EMPNO`, `EMPLOYEE`, and `DEPTNO`. For security purposes, do not allow an employee to be reassigned to another department through the view.

> ✔ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0610 seconds.)
>
> CREATE VIEW dept50 as(select employee_id as empno,last_name as employee,department_id as deptno from emplooyees WHERE department_id=50)

5. Display the structure and contents of the `DEPT50` view.

+ Options

Field	Type	Null	Key	Default	Extra
empno	int(20)	NO		NULL	
employee	varchar(20)	NO		NULL	
deptno	int(4)	NO		NULL	

6. Test your view. Attempt to reassign Matos to department 80.

+ Options

		empno	employee	deptno
☐	🖉 Edit ⌗ Copy ⊖ Delete	141	RAJS	50
☐	🖉 Edit ⌗ Copy ⊖ Delete	142	DAVIES	50
☐	🖉 Edit ⌗ Copy ⊖ Delete	143	motos	50

+ Options

employee_id	first_name	last_name	email	phone_number	hire_date	job_id	salary	commission_pct	manager_id	department_id
100	steven	king	sking	555.123.4567	1987-06-17	AD_PRESS	24000	0	0	90
101	NEENA	KOCHAR	NKOCHAR	515.123.4568	0000-00-00	AD_VP	100000	0	100	90
101	NEENA	KOCHAR	NKOCHAR	515.123.4568	1987-06-17	AD_VP	100000	0	100	90
102	LEX	DEE HAAN	LDHAAN	555.123.4569	1993-01-13	AD_VP	17000	0	100	90
103	ALEXANDER	HUNOLD	AHUNOLD	590.423.4567	1990-01-03	IT_PROG	9000	0	102	90
104	BRUCE	ERNST	BERNST	5904234568	1991-05-21	IT_PROG	9000	0	102	60
107	DIANA	LORENTZ	DLORENTZ	555.123.4557	1999-02-07	IT_PROG	6000	0	103	60
124	KEVIN	MOURGOS	KMOURGOS	6501235234	1999-11-16	ST_MAN	4200	0	103	60
141	TREENA	RAJS	TRAJS	6501218009	1995-10-17	ST_CLERK	5800	0	100	50
142	CURTIES	DAVIES	CDAVIES	6501212994	1997-01-29	ST_CLERK	5800	0	124	50
104		matos			0000-00-00		0	0	0	80
143		motos			0000-00-00		0	0	0	80