

Practice 10(view)

create view EMPLOYEES_VU AS SELECT EMPLOYEE_ID,FIRST_NAME + " " + LAST_NAME as
EMPLOYEE,DEPARTMENT_ID from EMPLOYEES;

desc EMPLOYEES_VU;

```
mysql> desc EMPLOYEES_VU;
```

Field	Type	Null	Key	Default	Extra
EMPLOYEE_ID	decimal(6,0)	NO		NULL	
EMPLOYEE	double	YES		NULL	
DEPARTMENT_ID	decimal(4,0)	YES		NULL	

3 rows in set (0.08 sec)

select EMPLOYEE,DEPARTMENT_ID FROM EMPLOYEES_VU;

```
mysql> select EMPLOYEE,DEPARTMENT_ID FROM EMPLOYEES_VU;
```

EMPLOYEE	DEPARTMENT_ID
0	90
0	90
0	90
0	60
0	60
0	60

6 rows in set, 12 warnings (0.04 sec)

select * from employees;

```
mysql> select * from employees;
```

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
100	Steven	King	SKING	515.123.4567	1987-06-17	AD_PRES	24000.00	0.00	0	90
101	Neena	Kochhar	NKOCHHAR	515.123.4568	1889-09-21	AD_VP	17000.00	0.00	100	90
102	Lex	De haan	LDEHAAN	515.123.4569	1993-01-13	AD_VP	17000.00	0.00	100	90
103	Alexander	Hunlod	AHUNLOD	590.423.4567	1990-01-03	IT_PROG	9000.00	0.00	102	60
104	Bruce	Ernst	BERNST	590.423.4568	1991-05-21	IT_PROG	6000.00	0.00	103	60
107	Diana	Lorentz	DLORENTZ	590.423.5567	1999-02-07	IT_PROG	4200.00	0.00	103	60

6 rows in set (0.01 sec)

CREATE VIEW dept50 AS SELECT employee_id empno, last_name
employee,department_id deptno FROM employees WHERE department_id = 50 WITH
CHECK OPTION;

DESC dept50;

```
mysql> DESC dept50;
```

Field	Type	Null	Key	Default	Extra
empno	decimal(6,0)	NO		NULL	
employee	varchar(25)	NO		NULL	
deptno	decimal(4,0)	YES		NULL	

3 rows in set (0.03 sec)

UPDATE dept50 SET deptno = 80 WHERE employee = 'Matos';