

**Q1- Create table of table name: EMPLOYEES and add 6 rows and then Create View of name emp\_view and the column would be Employee\_id, Last\_Name,salary and department\_id only?**

```
mysql> create table employee(
  -> empid char(10),
  -> first_name varchar(30),
  -> last_name varchar(40),
  -> DOB date,
  -> salary float,
  -> Dept_id char(10),
  -> primary key(empid)
  -> );
Query OK, 0 rows affected (0.03 sec)

mysql> desc employee;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| empid | char(10) | NO | PRI | NULL | |
| first_name | varchar(30) | YES | | NULL | |
| last_name | varchar(40) | YES | | NULL | |
| DOB | date | YES | | NULL | |
| salary | float | YES | | NULL | |
| Dept_id | char(10) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.01 sec)

mysql> insert into employee values('E1','Aman','Sharma','1993-04-21',200000.56,'D1');
Query OK, 1 row affected (0.01 sec)

mysql> insert into employee values('E2','Ujesh','Sisodia','1995-06-23',300000.56,'D2');
Query OK, 1 row affected (0.00 sec)

mysql> insert into employee values('E3','Hitendra','Sisodia','1995-07-27',150000.56,'D3');
Query OK, 1 row affected (0.00 sec)

mysql> insert into employee values('E4','Kartikay','Kanojiya','1997-08-29',140000.56,'D4');
Query OK, 1 row affected (0.00 sec)

mysql> insert into employee values('E5','Priyanshu','Tandon','1999-10-09',180000.56,'D5');
Query OK, 1 row affected (0.00 sec)

mysql> select * from employee;
+-----+-----+-----+-----+-----+-----+
| empid | first_name | last_name | DOB | salary | Dept_id |
+-----+-----+-----+-----+-----+-----+
| E1 | Aman | Sharma | 1993-04-21 | 200001 | D1 |
| E2 | Ujesh | Sisodia | 1995-06-23 | 300001 | D2 |
| E3 | Hitendra | Sisodia | 1995-07-27 | 150001 | D3 |
| E4 | Kartikay | Kanojiya | 1997-08-29 | 140001 | D4 |
| E5 | Priyanshu | Tandon | 1999-10-09 | 180001 | D5 |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> create view ok as select empid,last_
  -> name,salary,dept_id from employee;
ERROR 1054 (42S22): Unknown column 'last_' in 'field list'
mysql> create view ok as select empid,last_name,salary,dept_id from employee;
Query OK, 0 rows affected (0.01 sec)

mysql> create view ok as select empid,last_name,salary,dept_id from employee where empid = 'E3';
ERROR 1050 (42S01): Table 'ok' already exists
mysql> select * from ok;
+-----+-----+-----+-----+
| empid | last_name | salary | dept_id |
+-----+-----+-----+-----+
| E1 | Sharma | 200001 | D1 |
| E2 | Sisodia | 300001 | D2 |
| E3 | Sisodia | 150001 | D3 |
| E4 | Kanojiya | 140001 | D4 |
| E5 | Tandon | 180001 | D5 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

**Q2- Insert values into view (remove the NOT NULL constraint and then insert values)?**

```
mysql> insert into ok values('E6','Pandey',400000.98,'D6');  
Query OK, 1 row affected (0.00 sec)
```

```
mysql> select * from ok;
```

empid	last_name	salary	dept_id
E1	Sharma	200001	D1
E2	Sisodia	300001	D2
E3	Sisodia	150001	D3
E4	Kanojiya	140001	D4
E5	Tandon	180001	D5
E6	Pandey	400001	D6

```
6 rows in set (0.00 sec)
```

```
mysql> |
```

**Q3- Modify, Operation in view**

```
mysql> alter view ok as select * from employee;  
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> select * from ok;
```

empid	first_name	last_name	DOB	salary	Dept_id
E1	Aman	Sharma	1993-04-21	200001	D1
E2	Ujesh	Sisodia	1995-06-23	300001	D2
E3	Hitendra	Sisodia	1995-07-27	150001	D3
E4	Kartikay	Kanojiya	1997-08-29	140001	D4
E5	Priyanshu	Tandon	1999-10-09	180001	D5
E6	NULL	Pandey	NULL	400001	D6

```
6 rows in set (0.00 sec)
```

**Q4- Delete operation in view**

```
mysql> drop view ok;  
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> select * from ok;  
ERROR 1146 (42S02): Table 'db.ok' doesn't exist  
mysql> |
```

**Q5- drop operation in view**

```
mysql> drop view ok;  
Query OK, 0 rows affected (0.01 sec)  
  
mysql> select * from ok;  
ERROR 1146 (42S02): Table 'db.ok' doesn't exist  
mysql> |
```

**Q6- Creates a view named salary\_view. The view shows the employees in department 20 and their annual salary**

```
mysql> create view salary_view as select dept_id,salary from employee where dept_id = 'D5';  
Query OK, 0 rows affected (0.01 sec)  
  
mysql> select * from salary_view;  
+-----+-----+  
| dept_id | salary |  
+-----+-----+  
| D5      | 180001 |  
+-----+-----+  
1 row in set (0.00 sec)
```