mysql> create table emp (empno int(6),ename varchar(20) not null ,job varchar(10) not null ,deptno int(3),sal int(5));

Query OK, 0 rows affected, 3 warnings (0.08 sec)

mysql> alter table emp modify empno int(6) primary key;

Query OK, 0 rows affected, 1 warning (0.05 sec)

Records: 0 Duplicates: 0 Warnings: 1

mysql> desc emp;

+--------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+--------+-------------+------+-----+---------+-------+

| empno | int | NO | PRI | NULL | |

| ename | varchar(20) | NO | | NULL | |

| job | varchar(10) | NO | | NULL | |

| deptno | int | YES | | NULL | |

| sal | int | YES | | NULL | |

+--------+-------------+------+-----+---------+-------+

5 rows in set (0.00 sec)

mysql> alter table emp modify job varchar(20);

Query OK, 0 rows affected (0.03 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> create table dept (deptno int(2) primary key ,dname varchar(10),loc varchar(10));

Query OK, 0 rows affected, 1 warning (0.01 sec)

mysql> desc dept;

+--------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+--------+-------------+------+-----+---------+-------+

| deptno | int | NO | PRI | NULL | |

| dname | varchar(10) | YES | | NULL | |

| loc | varchar(10) | YES | | NULL | |

+--------+-------------+------+-----+---------+-------+

3 rows in set (0.00 sec)

mysql> create table emp1 (ename varchar(20),empno int(3),check(empno>100));

Query OK, 0 rows affected, 1 warning (0.02 sec)

mysql> ALTER TABLE emp ADD experience varchar(20);

Query OK, 0 rows affected (0.01 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> alter table emp drop column experience;

Query OK, 0 rows affected (0.01 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc emp;

+--------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+--------+-------------+------+-----+---------+-------+

| empno | int | NO | PRI | NULL | |

| ename | varchar(20) | NO | | NULL | |

| job | varchar(20) | YES | | NULL | |

| deptno | int | YES | | NULL | |

| sal | int | YES | | NULL | |

+--------+-------------+------+-----+---------+-------+

5 rows in set (0.00 sec)

mysql> insert into emp values(101,'Asha','Computer Engg',1,50000);

Query OK, 1 row affected (0.00 sec)

mysql> select \* from emp;

+-------+-------+---------------+--------+-------+

| empno | ename | job | deptno | sal |

+-------+-------+---------------+--------+-------+

| 101 | Asha | Computer Engg | 1 | 50000 |

+-------+-------+---------------+--------+-------+

1 row in set (0.00 sec)

mysql> insert into emp values(102,'Bhushan Asati','AI ML Enthusiast',2,500000);

Query OK, 1 row affected (0.00 sec)

mysql> insert into emp values(103,'Sayaji','Web Developer',3,500000);

Query OK, 1 row affected (0.00 sec)

mysql> select \* from emp;

+-------+---------------+------------------+--------+--------+

| empno | ename | job | deptno | sal |

+-------+---------------+------------------+--------+--------+

| 101 | Asha | Computer Engg | 1 | 50000 |

| 102 | Bhushan Asati | AI ML Enthusiast | 2 | 500000 |

| 103 | Sayaji | Web Developer | 3 | 500000 |

+-------+---------------+------------------+--------+--------+

3 rows in set (0.00 sec)

mysql> truncate table emp;

Query OK, 0 rows affected (0.02 sec)

mysql> drop table dept;

Query OK, 0 rows affected (0.01 sec)

mysql> select \* from emp;

Empty set (0.00 sec)

mysql> insert into emp values(101,'Asha','Computer Engg',1,50000);

Query OK, 1 row affected (0.00 sec)

mysql> insert into emp values(102,'Bhushan Asati','AI ML Enthusiast',2,500000);

Query OK, 1 row affected (0.00 sec)

mysql> insert into emp values(103,'Sayaji','Web Developer',3,500000);

Query OK, 1 row affected (0.00 sec)

mysql> select \* from emp;

+-------+---------------+------------------+--------+--------+

| empno | ename | job | deptno | sal |

+-------+---------------+------------------+--------+--------+

| 101 | Asha | Computer Engg | 1 | 50000 |

| 102 | Bhushan Asati | AI ML Enthusiast | 2 | 500000 |

| 103 | Sayaji | Web Developer | 3 | 500000 |

+-------+---------------+------------------+--------+--------+

3 rows in set (0.00 sec)

mysql> create view empview as select \* from emp where job='Computer Engg';

Query OK, 0 rows affected (0.01 sec)

mysql> select \* from empview;

+-------+-------+---------------+--------+-------+

| empno | ename | job | deptno | sal |

+-------+-------+---------------+--------+-------+

| 101 | Asha | Computer Engg | 1 | 50000 |

+-------+-------+---------------+--------+-------+

1 row in set (0.00 sec)

mysql> create view empview2 as select empno,ename,job,deptno from emp;

Query OK, 0 rows affected (0.01 sec)

mysql> insert into empview values(105,'Ajesh','Android Developer',4,60000)

-> ;

Query OK, 1 row affected (0.00 sec)

mysql> select \* from empview;

+-------+-------+---------------+--------+-------+

| empno | ename | job | deptno | sal |

+-------+-------+---------------+--------+-------+

| 101 | Asha | Computer Engg | 1 | 50000 |

+-------+-------+---------------+--------+-------+

1 row in set (0.00 sec)

mysql> select \* from emp;

+-------+---------------+-------------------+--------+--------+

| empno | ename | job | deptno | sal |

+-------+---------------+-------------------+--------+--------+

| 101 | Asha | Computer Engg | 1 | 50000 |

| 102 | Bhushan Asati | AI ML Enthusiast | 2 | 500000 |

| 103 | Sayaji | Web Developer | 3 | 500000 |

| 105 | Ajesh | Android Developer | 4 | 60000 |

+-------+---------------+-------------------+--------+--------+

4 rows in set (0.00 sec)

mysql> insert into empview2 values(106,'Pravin','Web Developer',4);

Query OK, 1 row affected (0.00 sec)

mysql> select \* from empview2;

+-------+---------------+-------------------+--------+

| empno | ename | job | deptno |

+-------+---------------+-------------------+--------+

| 101 | Asha | Computer Engg | 1 |

| 102 | Bhushan Asati | AI ML Enthusiast | 2 |

| 103 | Sayaji | Web Developer | 3 |

| 105 | Ajesh | Android Developer | 4 |

| 106 | Pravin | Web Developer | 4 |

+-------+---------------+-------------------+--------+

5 rows in set (0.00 sec)

mysql> select \* from emp;

+-------+---------------+-------------------+--------+--------+

| empno | ename | job | deptno | sal |

+-------+---------------+-------------------+--------+--------+

| 101 | Asha | Computer Engg | 1 | 50000 |

| 102 | Bhushan Asati | AI ML Enthusiast | 2 | 500000 |

| 103 | Sayaji | Web Developer | 3 | 500000 |

| 105 | Ajesh | Android Developer | 4 | 60000 |

| 106 | Pravin | Web Developer | 4 | NULL |

+-------+---------------+-------------------+--------+--------+

5 rows in set (0.00 sec)

mysql> drop view empview;

Query OK, 0 rows affected (0.01 sec)

mysql> drop view empview2;

Query OK, 0 rows affected (0.00 sec)

mysql> select \* from empview;

ERROR 1146 (42S02): Table 'emp.empview' doesn't exist

mysql>