

```
mysql> create table dept (  
  -> deptid int primary key,  
  -> deptname varchar(20),  
  -> locid int);  
Query OK, 0 rows affected (0.04 sec)
```

```
mysql> create table emp (  
  -> empid int primary key,  
  -> fname varchar(15),  
  -> lname varchar(20),  
  -> hiredate datetime,  
  -> deptid int  
  -> );  
Query OK, 0 rows affected (0.04 sec)
```

```
mysql> alter table emp add constraint fk_deptid foreign key (deptid) refere  
nces dept(deptid) on delete cascade;  
Query OK, 0 rows affected (0.13 sec)  
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> insert into dept (deptid, deptname, locid)  
  -> values (1, 'Math', 123);  
Query OK, 1 row affected (0.01 sec)
```

```
mysql> select * from dept;  
  
+-----+-----+-----+  
| deptid | deptname | locid |
```

```
+-----+-----+-----+
|  1 | Math  | 123 |
```

```
+-----+-----+-----+
```

1 row in set (0.00 sec)

mysql> select \* from emp;

Empty set (0.00 sec)

mysql> insert into emp (empid, fname, lname, hiredate, deptid)

-> values (10, 'Peter', 'Fonda', null, 1);

Query OK, 1 row affected (0.01 sec)

mysql> select \* from emp;

```
+-----+-----+-----+-----+-----+
```

```
| empid | fname | lname | hiredate | deptid |
```

```
+-----+-----+-----+-----+-----+
```

```
|  10 | Peter | Fonda | NULL    | 1 |
```

```
+-----+-----+-----+-----+-----+
```

1 row in set (0.00 sec)

mysql> delete from dept where deptid = 1;

Query OK, 1 row affected (0.01 sec)

mysql> select \* from emp;

Empty set (0.00 sec)

mysql> select \* from dept;

Empty set (0.00 sec)