```
mysql> alter table course add primary key(courseno);
Query OK, 0 rows affected (0.03 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> desc course;
+------------+----------+------+-----+---------+-------+
| Field      | Type     | Null | Key | Default | Extra |
+------------+----------+------+-----+---------+-------+
| courseno   | char(3)  | NO   | PRI |         |       |
| coursedesc | char(14) | YES  |     | NULL    |       |
| coursetype | char(1)  | YES  |     | NULL    |       |
| semno      | char(1)  | YES  |     | NULL    |       |
| hallno     | char(4)  | YES  |     | NULL    |       |
| facno      | char(4)  | YES  |     | NULL    |       |
+------------+----------+------+-----+---------+-------+
6 rows in set (0.02 sec)

mysql> alter table course _
```

```
mysql> alter table faculty add primary key(facno);
Query OK, 0 rows affected (0.02 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> desc faculty;
+----------+----------+------+-----+---------+-------+
| Field    | Type     | Null | Key | Default | Extra |
+----------+----------+------+-----+---------+-------+
| facno    | char(4)  | NO   | PRI |         |       |
| facname  | char(15) | YES  |     | NULL    |       |
| gender   | char(1)  | YES  |     | NULL    |       |
| dob      | int(10)  | YES  |     | NULL    |       |
| doj      | int(10)  | YES  |     | NULL    |       |
| mobileno | int(10)  | YES  |     | NULL    |       |
+----------+----------+------+-----+---------+-------+
6 rows in set (0.03 sec)

mysql> alter table faculty add check(gender=M or gender=F);
Query OK, 0 rows affected (0.02 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> desc faculty;
+----------+----------+------+-----+---------+-------+
| Field    | Type     | Null | Key | Default | Extra |
+----------+----------+------+-----+---------+-------+
| facno    | char(4)  | NO   | PRI |         |       |
| facname  | char(15) | YES  |     | NULL    |       |
| gender   | char(1)  | YES  |     | NULL    |       |
| dob      | int(10)  | YES  |     | NULL    |       |
| doj      | int(10)  | YES  |     | NULL    |       |
| mobileno | int(10)  | YES  |     | NULL    |       |
+----------+----------+------+-----+---------+-------+
6 rows in set (0.01 sec)

mysql>
```

```
mysql> alter table student add primary key(regno);
Query OK, 0 rows affected (0.03 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> desc student;
+----------+----------+------+-----+---------+-------+
| Field    | Type     | Null | Key | Default | Extra |
+----------+----------+------+-----+---------+-------+
| regno    | int(3)   | NO   | PRI | 0       |       |
| name     | char(15) | YES  |     | NULL    |       |
| gender   | char(1)  | YES  |     | NULL    |       |
| dob      | int(10)  | YES  |     | NULL    |       |
| mobileno | int(10)  | YES  |     | NULL    |       |
| city     | char(10) | YES  |     | NULL    |       |
+----------+----------+------+-----+---------+-------+
6 rows in set (0.01 sec)

mysql> alter table student modify column mobileno int not null;
Query OK, 0 rows affected (0.03 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> desc student;
+----------+----------+------+-----+---------+-------+
| Field    | Type     | Null | Key | Default | Extra |
+----------+----------+------+-----+---------+-------+
| regno    | int(3)   | NO   | PRI | 0       |       |
| name     | char(15) | YES  |     | NULL    |       |
| gender   | char(1)  | YES  |     | NULL    |       |
| dob      | int(10)  | YES  |     | NULL    |       |
| mobileno | int(11)  | NO   |     | NULL    |       |
| city     | char(10) | YES  |     | NULL    |       |
+----------+----------+------+-----+---------+-------+
6 rows in set (0.01 sec)
```

```
mysql> alter table department add primary key(deptno);
Query OK, 0 rows affected (0.03 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> desc department;
+----------+----------+------+-----+---------+-------+
| Field    | Type     | Null | Key | Default | Extra |
+----------+----------+------+-----+---------+-------+
| deptno   | char(4)  | NO   | PRI |         |       |
| deptname | char(15) | YES  |     | NULL    |       |
| depthead | char(4)  | YES  |     | NULL    |       |
+----------+----------+------+-----+---------+-------+
3 rows in set (0.02 sec)

mysql> _
```