```
mysql> create table student(Regno int(3),Name char(15),gender char(1),Dob int(10),mobileno int(10),city char(10));
Query OK, 0 rows affected (0.14 sec)

mysql> desc student;
+----------+----------+------+-----+---------+-------+
| Field    | Type     | Null | Key | Default | Extra |
+----------+----------+------+-----+---------+-------+
| Regno    | int(3)   | YES  |     | NULL    |       |
| 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 (0.00 sec)
```

```
ysql> create table faculty(Facno int(3),FacName char(15),gender char(1),Dob int(10),mobileno int(10),DOJ int(10))
uery OK, 0 rows affected (0.06 sec)

ysql> desc faculty;
+----------+----------+------+-----+---------+-------+
| Field    | Type     | Null | Key | Default | Extra |
+----------+----------+------+-----+---------+-------+
| Facno    | int(3)   | YES  |     | NULL    |       |
| FacName  | char(15) | YES  |     | NULL    |       |
| gender   | char(1)  | YES  |     | NULL    |       |
| Dob      | int(10)  | YES  |     | NULL    |       |
| mobileno | int(10)  | YES  |     | NULL    |       |
| DOJ      | int(10)  | YES  |     | NULL    |       |
+----------+----------+------+-----+---------+-------+
 rows in set (0.00 sec)
```

```
mysql> create table department(deptno int(10),deptname char(10),depthead char(10));
Query OK, 0 rows affected (0.11 sec)

mysql> desc department;
+----------+----------+------+-----+---------+-------+
| Field    | Type     | Null | Key | Default | Extra |
+----------+----------+------+-----+---------+-------+
| deptno   | int(10)  | YES  |     | NULL    |       |
| deptname | char(10) | YES  |     | NULL    |       |
| depthead | char(10) | YES  |     | NULL    |       |
+----------+----------+------+-----+---------+-------+
rows in set (0.00 sec)
```

```
mysql> create table course(courseno int(3),coursedesc char(15),coursetype char(1),semno int(10),hallno int(10),Facno int(10));
Query OK, 0 rows affected (0.09 sec)

mysql> desc course;
+------------+----------+------+-----+---------+-------+
| Field      | Type     | Null | Key | Default | Extra |
+------------+----------+------+-----+---------+-------+
| courseno   | int(3)   | YES  |     | NULL    |       |
| coursedesc | char(15) | YES  |     | NULL    |       |
| coursetype | char(1)  | YES  |     | NULL    |       |
| semno      | int(10)  | YES  |     | NULL    |       |
| hallno     | int(10)  | YES  |     | NULL    |       |
| Facno      | int(10)  | YES  |     | NULL    |       |
+------------+----------+------+-----+---------+-------+
6 rows in set (0.00 sec)
```

```
ysql> alter table faculty add dept char(10);
uery OK, 2 rows affected (0.09 sec)
ecords: 2  Duplicates: 0  Warnings: 0

ysql> desc faculty;
```

Field	Type	Null	Key	Default	Extra
Facno	int(3)	NO	PRI	NULL	
FacName	char(15)	YES		NULL	
gender	char(1)	YES		NULL	
Dob	int(10)	YES		NULL	
mobileno	int(10)	YES		NULL	
DOJ	int(10)	YES		NULL	
dept	char(10)	YES		NULL	

Field	Type	Null	Key	Default	Extra
Regno	int(3)	YES		NULL	
Name	char(15)	YES		NULL	
gender	char(1)	YES		NULL	
Dob	int(10)	YES		NULL	
mobileno	int(10)	YES		NULL	
city	char(10)	NO	PRI	NULL	

```
ysql> alter table faculty add primary key(facno);
uery OK, 0 rows affected (0.07 sec)
ecords: 0  Duplicates: 0  Warnings: 0

ysql> alter table faculty add check(gender='M'or'F');
uery OK, 0 rows affected (0.06 sec)
ecords: 0  Duplicates: 0  Warnings: 0

ysql> desc faculty;
+----------+----------+------+-----+---------+-------+
| Field    | Type     | Null | Key | Default | Extra |
+----------+----------+------+-----+---------+-------+
| Facno    | int(3)   | NO   | PRI | NULL    |       |
| FacName  | char(15) | YES  |     | NULL    |       |
| gender   | char(1)  | YES  |     | NULL    |       |
| Dob      | int(10)  | YES  |     | NULL    |       |
| mobileno | int(10)  | YES  |     | NULL    |       |
| DOJ      | int(10)  | YES  |     | NULL    |       |
+----------+----------+------+-----+---------+-------+
    in set (0.00 sec)
```

```
mysql> alter table department add primary key(deptno);
Query OK, 0 rows affected (0.11 sec)

mysql> desc department;
+----------+----------+------+-----+---------+-------+
| Field    | Type     | Null | Key | Default | Extra |
+----------+----------+------+-----+---------+-------+
| deptno   | int(10)  | NO   | PRI | NULL    |       |
| deptname | char(10) | YES  |     | NULL    |       |
| depthead | char(10) | YES  |     | NULL    |       |
+----------+----------+------+-----+---------+-------+
rows in set (0.00 sec)
```

```
ysql> alter table course add primary key(courseno);
uery OK, 0 rows affected (0.07 sec)
ecords: 0  Duplicates: 0  Warnings: 0


ysql> alter table course add check(semno>=1&&semno<=6);
uery OK, 0 rows affected (0.11 sec)
ecords: 0  Duplicates: 0  Warnings: 0


ysql> desc course;
```

Field	Type	Null	Key	Default	Extra
courseno	int(3)	NO	PRI	NULL	
coursedesc	char(15)	YES		NULL	
coursetype	char(1)	YES		NULL	
semno	int(10)	YES		NULL	
hallno	int(10)	YES		NULL	
Facno	int(10)	YES		NULL	

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

```
ysql> SELECT * FROM college;
```

sno	name	regno	dept	age	DOB	facno
1	YUGA	191811316	cse	19	2000	200
2	SRI	191811382	cse	19	2000	201
3	ABDUL	191811362	cse	20	1999	202
4	SUPRIYA	191811322	cse	20	1999	203

rows in set (0.00 sec)

```
ysql> SELECT * FROM fac1;
```

FacNo	FactName	Gender	DOB	MobileNo	DOJ
1	YUGA	M	2000	123456789	2001

row in set (0.00 sec)

```
ysql> SELECT * FROM department;
```

deptno	deptname	depthead
1	cse	hari

row in set (0.00 sec)

```
ysql> insert into course values(1,'prgm','u',2000,201,2001);
uery OK, 1 row affected (0.00 sec)

ysql> select * from course;
```

courseno	coursedesc	coursetype	semno	hallno	Facno
1	prgm	u	2000	201	2001

row in set (0.00 sec)

```
mysql> update student set regno=324 where name='mukesh';
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> delete from faculty where FacName='Ramu';
Query OK, 1 row affected (0.00 sec)
```

```
mysql> select * from faculty;
+-------+---------+--------+------+----------+------+
| Facno | FacName | gender | Dob  | mobileno | DOJ  |
+-------+---------+--------+------+----------+------+
|     1 | ramu    | M      | 2000 | 90515252 | 2001 |
+-------+---------+--------+------+----------+------+
1 row in set (0.00 sec)
```