

1) Alter the table STUDENT with following structure.

S.No	Column	Constraints
1	RegNo	PRIMARY KEY
2	MobileNo	NotNull

1)

```
mysql> alter table student add primary key(city);
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	
mobilenno	int(10)	YES		NULL	
city	char(10)	NO	PRI	NULL	

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

2)Alter the table name FACULTY with following structure. The DeptNo in this table refers the DeptNo in the DEPARTMENT table.

S.No	Column	Constraints
1	FacNo	PRIMARY KEY
2	Gender	Check 'M' or 'F'

2)

```
mysql> alter table faculty add primary key(facno);
```

```
Query OK, 0 rows affected (0.07 sec)
```

```
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> alter table faculty add check(gender='M'or'F');
```

```
Query OK, 0 rows affected (0.06 sec)
```

```
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> 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	
mobilen	int(10)	YES		NULL	
DOJ	int(10)	YES		NULL	

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

4)Alter the table name DEPARTMENT with following structure.

S.No	Column	Constraints
1	DeptNo	PRIMARY KEY

4)

```
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    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

5. Alter the table name COURSE with following Structure

S.No	Column	Constraints
1	CourseNo	PRIMARY KEY
2	SemNo	1 to 6

```
mysql> alter table course add primary key(courseno);
Query OK, 0 rows affected (0.07 sec)
Records: 0  Duplicates: 0  Warnings: 0
```

```
mysql> alter table course add check(semno>=1&&semno<=6);
Query OK, 0 rows affected (0.11 sec)
Records: 0  Duplicates: 0  Warnings: 0
```

```
mysql> 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	

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