

Experiment 1

Syntax : create student database ;

Use student ;

Create table student(regno int(3),name varchar(15),gender char(1),mobilenumber int(10),city varchar(15)) ;

Output : desc student ;

```
mysql> desc student;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| regno | int(3) | YES | | NULL | |
| name | varchar(15) | YES | | NULL | |
| gender | char(1) | YES | | NULL | |
| mobilenumber | int(10) | YES | | NULL | |
| city | varchar(15) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.01 sec)

mysql>
```

Experiment 2

Syntax : Dhanush: create database faculty;

Use faculty;

create table faculty (FacNo varchar(4),FacName varchar(15),Gender char(1),DOB date,MobileNO int(10));

Output : desc faculty ;

```
mysql> desc faculty;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| FacNo      | varchar(4)    | YES  |     | NULL    |       |
| FacName    | varchar(15)   | YES  |     | NULL    |       |
| Gender     | char(1)       | YES  |     | NULL    |       |
| DOB        | date          | YES  |     | NULL    |       |
| MobileNO   | int(10)       | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.01 sec)

mysql>
```

Experiment 3

Syntax : create Department database ;

Use Department ;

Use department;

Database changed

Mysql> create table department (DeptNo varchar(4),DeptName varchar(15),DeptHead varchar(4));

Output : desc Department

```
Query OK, 0 rows affected (0.01 sec)

mysql> desc department;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| DeptNo     | varchar(4)    | YES  |     | NULL    |       |
| DeptName   | varchar(15)   | YES  |     | NULL    |       |
| DeptHead   | varchar(4)    | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.01 sec)

mysql>
```


Experiment 4

Syntax: create course database

Use course;

Database changed

```
Mysql> create table course (CourseNo varchar(3),CourseDesc varchar(14),CourseType char(1),HallNo  
varchar(4),Semno char(1),FacNo varcha
```

```
R(4) );
```

Output : desc course

Field	Type	Null	Key	Default	Extra
CourseNo	varchar(3)	YES		NULL	
CourseDesc	varchar(14)	YES		NULL	
CourseType	char(1)	YES		NULL	
HallNo	varchar(4)	YES		NULL	
Semno	char(1)	YES		NULL	
FacNo	varchar(4)	YES		NULL	

6 rows in set (0.02 sec)

Experiment 5

Syntax : use faculty ;

ALTER TABLE faculty ADD DeptNO varchar(15);

Output :desc faculty

```
mysql> desc faculty;
```

Field	Type	Null	Key	Default	Extra
FacNo	varchar(4)	YES		NULL	
FacName	varchar(15)	YES		NULL	
Gender	char(1)	YES		NULL	
DOB	date	YES		NULL	
MobileNO	int(10)	YES		NULL	
DeptNO	varchar(15)	YES		NULL	

6 rows in set (0.01 sec)