

Lab 03:

```
MariaDB [(none)]> create database CollMgmtSys;
```

```
Query OK, 1 row affected (0.003 sec)
```

```
MariaDB [(none)]> show databases;
```

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

```
| Database      |
```

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

```
| collmgmtsys   |
```

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

```
8 rows in set (0.000 sec)
```

```
MariaDB [(none)]> use collmgmtsys;
```

```
Database changed
```

```
MariaDB [collmgmtsys]> CREATE TABLE Student (Snum int primary key, Name  
char(20), Major char(10), Level char(20), Age int );
```

```
Query OK, 0 rows affected (0.023 sec)
```

```
MariaDB [collmgmtsys]> describe student;
```

```

+-----+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| Snum  | int(11) | NO   | PRI | NULL    |      |
| Name  | char(20) | YES  |     | NULL    |      |
| Major | char(10) | YES  |     | NULL    |      |
| Level | char(20) | YES  |     | NULL    |      |
| Age   | int(11) | YES  |     | NULL    |      |
+-----+-----+-----+-----+-----+

```

5 rows in set (0.021 sec)

MariaDB [collmgmtsys]> Insert Into student(Snum,Name,Major,Level,Age)

-> values(101,'Susan Gurung','Software','Bachelor',24);

Query OK, 1 row affected (0.004 sec)

MariaDB [collmgmtsys]> Insert Into student(Snum,Name,Major,Level,Age)

-> values(102,'Sam KC','Computer','Bachelor',23);

Query OK, 1 row affected (0.003 sec)

MariaDB [collmgmtsys]> Insert Into student(Snum,Name,Major,Level,Age)

-> values(103,'Hari Rai','Electronics','Masters',25);

Query OK, 1 row affected, 1 warning (0.003 sec)

```
MariaDB [collmgmtsys]> Insert Into student(Snum,Name,Major,Level,Age)
-> values(104,'Gopal Shrestha','Software','Bachelor',26);
```

Query OK, 1 row affected (0.003 sec)

```
MariaDB [collmgmtsys]> select * from student;
```

Snum	Name	Major	Level	Age
101	Susan Gurung	Software	Bachelor	24
102	Sam KC	Computer	Bachelor	23
103	Hari Rai	Electronic	Masters	25
104	Gopal Shrestha	Software	Bachelor	26

4 rows in set (0.000 sec)

```
MariaDB [collmgmtsys]> create table class( Name char(10),Time varchar(5),Room
varchar(3),Fid varchar(5));
```

Query OK, 0 rows affected (0.020 sec)

MariaDB [collmgmtsys]> describe class;

```
+-----+-----+-----+-----+-----+
| Field | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| Name  | char(10)   | YES  |     | NULL    |       |
| Time  | varchar(5) | YES  |     | NULL    |       |
| Room  | varchar(3) | YES  |     | NULL    |       |
| Fid   | varchar(5) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+
```

4 rows in set (0.019 sec)

MariaDB [collmgmtsys]> Insert Into class(Name,Time,Room,Fid)

-> values('C++','M9-10','R3','F501');

Query OK, 1 row affected (0.001 sec)

MariaDB [collmgmtsys]> Insert Into class(Name,Time,Room,Fid)

-> values('MATHS','M8-9','R4','F505');

Query OK, 1 row affected (0.002 sec)

MariaDB [collmgmtsys]> Insert Into class(Name,Time,Room,Fid)

-> values('C++','E5-6','R7','F501');

Query OK, 1 row affected (0.003 sec)

MariaDB [collmgmtsys]> Insert Into class(Name,Time,Room,Fid)

-> values('PHYSICS','E5-6','R6','F508');

Query OK, 1 row affected (0.005 sec)

MariaDB [collmgmtsys]> select * from class;

Name	Time	Room	Fid
C++	M9-10	R3	F501
MATHS	M8-9	R4	F505
C++	E5-6	R7	F501
PHYSICS	E5-6	R6	F508

4 rows in set (0.000 sec)

MariaDB [collmgmtsys]> create table enrolled(Snum int,Classname char(10));

Query OK, 0 rows affected (0.021 sec)

MariaDB [collmgmtsys]> describe enrolled;

Field	Type	Null	Key	Default	Extra
Snum	int(11)	YES		NULL	
Classname	char(10)	YES		NULL	

2 rows in set (0.022 sec)

MariaDB [collmgmtsys]> Insert Into enrolled(Snum,Classname)

-> values(101,'C++');

Query OK, 1 row affected (0.002 sec)

MariaDB [collmgmtsys]> Insert Into enrolled(Snum,Classname)

-> values(102,'C++');

Query OK, 1 row affected (0.002 sec)

MariaDB [collmgmtsys]> Insert Into enrolled(Snum,Classname)

-> values(103,'PHYSICS');

Query OK, 1 row affected (0.004 sec)

```
MariaDB [collmgmtsys]> Insert Into enrolled(Snum,Classname)
```

```
-> values(104,'MATHS');
```

```
Query OK, 1 row affected (0.001 sec)
```

```
MariaDB [collmgmtsys]> select * from enrolled;
```

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

```
| Snum | Classname |
```

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

```
| 101 | C++      |
```

```
| 102 | C++      |
```

```
| 103 | PHYSICS  |
```

```
| 104 | MATHS    |
```

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

```
4 rows in set (0.000 sec)
```

```
MariaDB [collmgmtsys]> create table Faculty(Fid varchar(5) primary key,Name  
char(20),Dept char(20));
```

```
Query OK, 0 rows affected (0.023 sec)
```

```
MariaDB [collmgmtsys]> describe Faculty;
```

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

Field	Type	Null	Key	Default	Extra
-------	------	------	-----	---------	-------

--	--	--	--	--	--

Fid	varchar(5)	NO	PRI	NULL	
-----	------------	----	-----	------	--

Name	char(20)	YES		NULL	
------	----------	-----	--	------	--

Dept	char(20)	YES		NULL	
------	----------	-----	--	------	--

--	--	--	--	--	--

3 rows in set (0.020 sec)

MariaDB [collmgmtsys]> Insert Into Faculty(Fid,Name,Dept)

-> values('F501','B.Shrestha','Computer');

Query OK, 1 row affected (0.003 sec)

MariaDB [collmgmtsys]> Insert Into Faculty(Fid,Name,Dept)

-> values('F505','R.Thapa','Maths');

Query OK, 1 row affected (0.003 sec)

MariaDB [collmgmtsys]> Insert Into Faculty(Fid,Name,Dept)

-> values('F508','S.Tamrakar','Computer');

Query OK, 1 row affected (0.003 sec)

MariaDB [collmgmtsys]> Insert Into Faculty(Fid,Name,Dept)


```
-> values('F509','P.Acharya','Science');
```

Query OK, 1 row affected (0.001 sec)

```
MariaDB [collmgmtsys]> select * from faculty;
```

```
+-----+-----+-----+
| Fid  | Name    | Dept  |
+-----+-----+-----+
| F501 | B.Shrestha | Computer |
| F505 | R.Thapa   | Maths   |
| F508 | S.Tamrakar | Computer |
| F509 | P.Acharya | Science |
+-----+-----+-----+
```

4 rows in set (0.000 sec)