

Experiment – 2

Aim: To study the Data Definition Language (DDL) commands in MariaDB SQL.

Code -

```
MariaDB [none]> CREATE DATABASE Student;
```

Query OK, 1 row affected (0.021 sec)

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

Database changed

```
MariaDB [Student]> CREATE TABLE Student (`Roll No.` int(10), `Name` varchar(20), `Ph. No.` bigint(11), `Email`  
varchar(30), `Semester` int(1));
```

Query OK, 0 rows affected (0.034 sec)

```
MariaDB [Student]> INSERT INTO Student VALUES ('039', 'Hardik', '9876544321', 'hardik@gmail.com', '4');
```

Query OK, 1 row affected (0.035 sec)

```
MariaDB [Student]> INSERT INTO Student VALUES ('040', 'Ankush', '7876544321', 'ankush@gmail.com', '4');
```

Query OK, 1 row affected (0.008 sec)

```
MariaDB [Student]> INSERT INTO Student VALUES ('041', 'Gautam', '7978664747', 'gautam@gmail.com', '4');
```

Query OK, 1 row affected (0.020 sec)

```
MariaDB [Student]> INSERT INTO Student VALUES ('042', 'Vikram', '8997574747', 'vikram@gmail.com', '4');
```

Query OK, 1 row affected (0.021 sec)

```
MariaDB [Student]> INSERT INTO Student VALUES ('043', 'Aman', '6787574747', 'aman@gmail.com', '4');
```

Query OK, 1 row affected (0.020 sec)

```
MariaDB [Student]> INSERT INTO Student VALUES ('044', 'Rishav', '9877574747', 'rishav@gmail.com', '4');
```

Query OK, 1 row affected (0.021 sec)

```
MariaDB [Student]> INSERT INTO Student VALUES ('045', 'Divas', '7877574747', 'divas@gmail.com', '4');
```

Query OK, 1 row affected (0.021 sec)

MariaDB [Student]> INSERT INTO Student VALUES ('046', 'Aryan', '7777574566', 'aryan@gmail.com', '4');

Query OK, 1 row affected (0.021 sec)

MariaDB [Student]> INSERT INTO Student VALUES ('047', 'Vaibhav', '8977574566', 'vaibhav@gmail.com', '4');

Query OK, 1 row affected (0.021 sec)

MariaDB [Student]> INSERT INTO Student VALUES ('048', 'Shivi', '6277574566', 'shivi@gmail.com', '4');

Query OK, 1 row affected (0.021 sec)

MariaDB [Student]> SELECT * FROM Student;

Roll No.	Name	Ph. No.	Email	Semester
39	Hardik	9876544321	hardik@gmail.com	4
40	Ankush	7876544321	ankush@gmail.com	4
41	Gautam	7978664747	gautam@gmail.com	4
42	Vikram	8997574747	vikram@gmail.com	4
43	Aman	6787574747	aman@gmail.com	4
44	Rishav	9877574747	rishav@gmail.com	4
45	Divas	7877574747	divas@gmail.com	4
46	Aryan	7777574566	aryan@gmail.com	4
47	Vaibhav	8977574566	vaibhav@gmail.com	4
48	Shivi	6277574566	shivi@gmail.com	4

MariaDB [Student]> ALTER TABLE Student MODIFY COLUMN `Ph. No.` bigint(10);

Query OK, 0 rows affected (0.038 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [Student]> DESC Student;

Field	Type	Null	Key	Default	Extra
Roll No.	int(10)	YES		NULL	
Name	varchar(20)	YES		NULL	
Ph. No.	bigint(10)	YES		NULL	
Email	varchar(30)	YES		NULL	
Semester	int(1)	YES		NULL	

MariaDB [Student]> TRUNCATE TABLE Student;

Query OK, 0 rows affected (0.035 sec)