

```
show databases;
```

```
+-----+
| Database      |
+-----+
| employees     |
| information_schema |
| mysql         |
| performance_schema |
| sakila        |
| session       |
| students      |
| sys           |
| world         |
+-----+
```

9 rows in set (0.04 sec)

```
mysql> use students;
```

Database changed

```
mysql> show tables;
```

```
+-----+
| Tables_in_students |
+-----+
| g17                 |
| student1            |
+-----+
```

2 rows in set (0.02 sec)

```
mysql> drop table student1
```

```
-> ;
```

Query OK, 0 rows affected (0.07 sec)

```
mysql> show tables;
```

```
+-----+
| Tables_in_students |
+-----+
| g17                |
+-----+

1 row in set (0.00 sec)
```

```
mysql> create table student (Name varchar(30) not null, Rollno int primary key, Branch varchar(30),
MarksObtained int , Totalmarks int default(100), check (MarksObtained < Totalmarks) );
```

Query OK, 0 rows affected (0.09 sec)

```
mysql> desc student;
```

```
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra      |
+-----+-----+-----+-----+-----+-----+
| Name       | varchar(30) | NO   |     | NULL    |            |
| Rollno     | int        | NO   | PRI | NULL    |            |
| Branch     | varchar(30) | YES  |     | NULL    |            |
| MarksObtained | int        | YES  |     | NULL    |            |
| Totalmarks | int        | YES  |     | 100     | DEFAULT_GENERATED |
+-----+-----+-----+-----+-----+-----+

5 rows in set (0.01 sec)
```

```
mysql> alter table student add RegNo int after Rollno;
```

Query OK, 0 rows affected (0.09 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc student;

Field	Type	Null	Key	Default	Extra
Name	varchar(30)	NO		NULL	
Rollno	int	NO	PRI	NULL	
RegNo	int	YES		NULL	
Branch	varchar(30)	YES		NULL	
MarksObtained	int	YES		NULL	
Totalmarks	int	YES		100	DEFAULT_GENERATED

6 rows in set (0.01 sec)

mysql> alter table student drop column Branch;

Query OK, 0 rows affected (0.03 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc student;

Field	Type	Null	Key	Default	Extra
Name	varchar(30)	NO		NULL	
Rollno	int	NO	PRI	NULL	
RegNo	int	YES		NULL	
MarksObtained	int	YES		NULL	
Totalmarks	int	YES		100	DEFAULT_GENERATED

5 rows in set (0.00 sec)

mysql> alter table student rename column Name to StudentName;

Query OK, 0 rows affected (0.03 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> desc student;

Field	Type	Null	Key	Default	Extra
StudentName	varchar(30)	NO		NULL	
Rollno	int	NO	PRI	NULL	
RegNo	int	YES		NULL	
MarksObtained	int	YES		NULL	
Totalmarks	int	YES		100	DEFAULT_GENERATED

5 rows in set (0.00 sec)

mysql> insert into student values ('riya', 1, 101, 89);

ERROR 1136 (21S01): Column count doesn't match value count at row 1

mysql> insert into student values ('riya', 1, 101, 89, 100);

Query OK, 1 row affected (0.02 sec)

mysql> select * from student;

StudentName	Rollno	RegNo	MarksObtained	Totalmarks
riya	1	101	89	100

1 row in set (0.00 sec)

mysql> truncate table student;

Query OK, 0 rows affected (0.09 sec)

mysql> select * from student;

Empty set (0.00 sec)

mysql> insert into student values ('riya', 1, 101, 89, 100);

Query OK, 1 row affected (0.01 sec)

mysql> select * from student;

StudentName	Rollno	RegNo	MarksObtained	Totalmarks
riya	1	101	89	100

1 row in set (0.00 sec)