```
shuhari@ser1:~$ sudo apt-get install mariadb
[sudo] password for shuhari:
Reading package lists... Done
Building dependency tree
Reading state information... Done
E: Unable to locate package mariadb
shuhari@ser1:~$ sudo apt-get install tree
Reading package lists... Done
Building dependency tree
Reading state information... Done
tree is already the newest version (1.8.0-1).
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
shuhari@ser1:~$ sudo apt-get install mariadb-server
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  galera-3 gawk libaio1 libconfig-inifiles-perl libdbi-perl libmpfr6 libreadline5 libsigsegv2
  libsnappy1v5 lsof mariadb-client-10.3 mariadb-client-core-10.3 mariadb-common mariadb-server-10.
```

```
MariaDB [(none)]> SHOW DATABASES
    -> ;
+--------------------+
| Database           |
+--------------------+
| information_schema |
| mysql              |
| performance_schema |
+--------------------+
3 rows in set (0.000 sec)
```

```
MariaDB [(none)]> CREATE DATABASE IF NOT EXISTS Komal;
Query OK, 1 row affected (0.000 sec)

MariaDB [(none)]> SHOW DATABASES;
+--------------------+
| Database           |
+--------------------+
| Komal              |
| information_schema |
| mysql              |
| performance_schema |
+--------------------+
4 rows in set (0.000 sec)

MariaDB [(none)]> USE Komal;
Database changed
MariaDB [Komal]> SHOW TABLES;
Empty set (0.000 sec)
```

```
MariaDB [Komal]> CREATE TABLE IF NOT EXISTS Employee(ID int(5) NOT NULL AUTO_INCREMENT , NAME varchar(2
5) NOT NULL,DEPARTMENT varchar(10) NOT NULL ,SALARY int(30) NOT NULL,GENDER varchar(10) NOT NULL,AGE in
t(3) NOT NULL, CITY varchar (25)NOT NULL,PRIMARY KEY (ID),UNIQUE (NAME));
Query OK, 0 rows affected (0.006 sec)

MariaDB [Komal]> DESC Employee;
+------------+-------------+------+-----+---------+----------------+
| Field      | Type        | Null | Key | Default | Extra          |
+------------+-------------+------+-----+---------+----------------+
| ID         | int(5)      | NO   | PRI | NULL    | auto_increment |
| NAME       | varchar(25) | NO   | UNI | NULL    |                |
| DEPARTMENT | varchar(10) | NO   |     | NULL    |                |
| SALARY     | int(30)     | NO   |     | NULL    |                |
| GENDER     | varchar(10) | NO   |     | NULL    |                |
| AGE        | int(3)      | NO   |     | NULL    |                |
| CITY       | varchar(25) | NO   |     | NULL    |                |
+------------+-------------+------+-----+---------+----------------+
7 rows in set (0.001 sec)
```

```
MariaDB [Komal]> SHOW TABLE;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your Mar
iaDB server version for the right syntax to use near '' at line 1
MariaDB [Komal]> SHOW TABLES;
+------------------+
| Tables_in_Komal |
+------------------+
| Employee         |
+------------------+
1 row in set (0.000 sec)

MariaDB [Komal]> INSERT INTO EMPLOYEE VALUES (1001,'John Doe','IT',35000,'Male',25,'London');
ERROR 1146 (42S02): Table 'Komal.EMPLOYEE' doesn't exist
MariaDB [Komal]> INSERT INTO Employee VALUES (1001,'John Doe','IT',35000,'Male',25,'London');
Query OK, 1 row affected (0.001 sec)

MariaDB [Komal]> INSERT INTO Employee VALUES (1002,'Mary Smith','HR',45000,'Female',27,'Mumbai');
Query OK, 1 row affected (0.001 sec)

MariaDB [Komal]> INSERT INTO Employee VALUES (1003,'James Brown','Finance',50000,'Male',28,'Delhi');
Query OK, 1 row affected (0.001 sec)
```

```
MariaDB [Komal]> INSERT INTO Employee VALUES (1006,'Anurag Mohanty','IT',35000,'Male',25,'London');
Query OK, 1 row affected (0.001 sec)

MariaDB [Komal]> INSERT INTO Employee VALUES (1007,'Priyanla Dewangan','HR',45000,'Female',27,'Mumbai')
;
Query OK, 1 row affected (0.001 sec)

MariaDB [Komal]> INSERT INTO Employee VALUES (1008,'Sambit Mohanty','IT',50000,'Male',28,'London');
Query OK, 1 row affected (0.001 sec)

MariaDB [Komal]> INSERT INTO Employee VALUES (1009,'Pranaya Kumar','IT',50000,'Male',28,'London');
Query OK, 1 row affected (0.001 sec)

MariaDB [Komal]> INSERT INTO Employee VALUES (1010,'Hina Sharma','HR',75000,'Female',26,'Mumbai');
Query OK, 1 row affected (0.001 sec)
```

```
MariaDB [Komal]> SELECT * FROM Employee;
+------+-------------------+------------+--------+--------+-----+--------+
| ID   | NAME              | DEPARTMENT | SALARY | GENDER | AGE | CITY   |
+------+-------------------+------------+--------+--------+-----+--------+
| 1001 | John Doe          | IT         |  35000 | Male   |  25 | London |
| 1002 | Mary Smith        | HR         |  45000 | Female |  27 | Mumbai |
| 1003 | James Brown       | Finance    |  50000 | Male   |  28 | Delhi  |
| 1004 | Mike Walker       | Finance    |  50000 | Male   |  28 | London |
| 1005 | Linda Jones       | HR         |  75000 | Female |  26 | Mumbai |
| 1006 | Anurag Mohanty    | IT         |  35000 | Male   |  25 | London |
| 1007 | Priyanla Dewangan | HR         |  45000 | Female |  27 | Mumbai |
| 1008 | Sambit Mohanty    | IT         |  50000 | Male   |  28 | London |
| 1009 | Pranaya Kumar     | IT         |  50000 | Male   |  28 | London |
| 1010 | Hina Sharma       | HR         |  75000 | Female |  26 | Mumbai |
+------+-------------------+------------+--------+--------+-----+--------+
10 rows in set (0.000 sec)
```

```
MariaDB [Komal]> SELECT *FROM Employee Where SALARY BETWEEN 10000 and 50000;
+------+------------------+------------+--------+--------+-----+--------+
| ID   | NAME             | DEPARTMENT | SALARY | GENDER | AGE | CITY   |
+------+------------------+------------+--------+--------+-----+--------+
| 1001 | John Doe         | IT         |  35000 | Male   |  25 | London |
| 1002 | Mary Smith       | HR         |  45000 | Female |  27 | Mumbai |
| 1003 | James Brown      | Finance    |  50000 | Male   |  28 | Delhi  |
| 1004 | Mike Walker      | Finance    |  50000 | Male   |  28 | London |
| 1006 | Anurag Mohanty   | IT         |  35000 | Male   |  25 | London |
| 1007 | Priyanla Dewangan| HR         |  45000 | Female |  27 | Mumbai |
| 1008 | Sambit Mohanty   | IT         |  50000 | Male   |  28 | London |
| 1009 | Pranaya Kumar    | IT         |  50000 | Male   |  28 | London |
+------+------------------+------------+--------+--------+-----+--------+
8 rows in set (0.000 sec)
```

```
MariaDB [Komal]> SELECT count(*) FROM Employee where DEPARTMENT='IT';
+----------+
| count(*) |
+----------+
|        4 |
+----------+
1 row in set (0.000 sec)
```

```
MariaDB [Komal]> SELECT * FROM Employee where NAME like 'A%';
+------+----------------+------------+--------+--------+-----+--------+
| ID   | NAME           | DEPARTMENT | SALARY | GENDER | AGE | CITY   |
+------+----------------+------------+--------+--------+-----+--------+
| 1006 | Anurag Mohanty | IT         |  35000 | Male   |  25 | London |
+------+----------------+------------+--------+--------+-----+--------+
1 row in set (0.000 sec)

MariaDB [Komal]> SELECT * FROM Employee where NAME like 'H%';
+------+-------------+------------+--------+--------+-----+--------+
| ID   | NAME        | DEPARTMENT | SALARY | GENDER | AGE | CITY   |
+------+-------------+------------+--------+--------+-----+--------+
| 1010 | Hina Sharma | HR         |  75000 | Female |  26 | Mumbai |
+------+-------------+------------+--------+--------+-----+--------+
1 row in set (0.000 sec)
```