

## **Create a Database**

To create a new database in MariaDB, you should have special privileges which are only granted to the root user and admins.

To create a new database, you should use the CREATE DATABASE command which takes the following syntax:

```
CREATE DATABASE DatabaseName;
```

In this case, you need to create a database and give it the name Demo.

Start the MariaDB command prompt and login as the root user by typing the following command:

```
mysql -u root -p
```

Type the root password and hit the return key. You will be logged in.

Now, run the following command:

```
CREATE DATABASE Demo;
```

```
MariaDB [(none)]> CREATE DATABASE Demo;  
Query OK, 1 row affected (0.235 sec)  
MariaDB [(none)]>
```

You have then created a database named Demo. It will be good for you to confirm whether the database was created successfully or not. You only have to show the list of the available databases by running the following command:

```
SHOW DATABASES;
```

```

MariaDB [(none)]> SHOW DATABASES;
+-----+
| Database |
+-----+
| demo     |
| information_schema |
| mysql    |
| performance_schema |
| test     |
+-----+
5 rows in set (0.335 sec)

MariaDB [(none)]>

```

The above output shows that the Demo database is part of the list, hence the database was created successfully.

## Selecting a Database

For you to be able to use or work on a particular database, you have to select it from the list of the available databases. After selecting a database, you can perform tasks such as creating tables within the database.

To select a database, you should use the USE command. It takes the syntax given below:

```
USE database_name;
```

You need to use the Demo database. You can select it by running the following command:

```
USE Demo;
```

```

MariaDB [(none)]> USE Demo;
Database changed
MariaDB [Demo]>

```

The above image shows that the MariaDB command prompt has changed from none to the name of the database that has been selected.

You can now go ahead and create tables within the Demo database.

### Assignments

1. Explain commands how to create and view database
2. what is the command to select database