Start and stop the MongoDB Database:

```
sudo service mongod start
sudo service mongod stop
```

Access the MongoDB database using Shell:

```
mongo --host localhost:27017
```

Show all databases:

```
show dbs
```

Create a database, say, testdb; Switch to the database:

```
use testdb
```

Until a collection is created in a database, the database name is not listed as a result of execution of the command, "show dbs."

Add a collection:

```
db.createCollection("user")
```

Show all collections in a database; Execute the "use dbname" command to access the database before executing the command given below.

```
show collections
show tables
```

The following command also work:

```
db.getCollectionNames()
```

Insert a record in the collection; A record is inserted in the collection, "user."

```
db.user.insert({"name": "Ajitesh Shukla", "location": "hyderabad", "username"
: "eajitesh"})
```

Display list of records of a collection; "user" collection is used.

```
db.user.find()
db.user.find().pretty()
```

Display a list of records matching with value (s) of specific fields:

```
db.user.find({"username": "eajitesh"})
db.user.find({"username": "eajitesh", "location": "hyderabad"})
```

Drop the collection:

```
db.user.drop()
```

Create users in the database; The below command creates a user with username as "ajitesh" and having the role such as "readWrite" and "dbAdmin"

```
db.createUser({"user": "ajitesh", "pwd": "gurukul", "roles": ["readWrite", "d
bAdmin"]})
```

Show users; If executed without selecting a database, it displays all users along with database information.

```
show users
```

Login into the database with username and password:

```
mongo -u USERNAME -p PASSWORD --authenticationDatabase DATABASENAME
```

For user created in above command, the login command would look like the following:

```
mongo -u ajitesh -p gurukul --authenticationDatabase testdb
```