```
//start mongoDB
(base) don@don-25019:~/Desktop$ mongo
MongoDB shell version v3.6.8
connecting to: mongodb://127.0.0.1:27017
Implicit session: session { "id" : UUID("35401a4d-fdf4-42d0-89b2-d01397acc0ba") }
MongoDB server version: 3.6.8
Server has startup warnings:
2023-04-06T15:09:18.698+0530 I STORAGE  [initandlisten]
2023-04-06T15:09:18.698+0530 I STORAGE  [initandlisten] ** WARNING: Using the XFS filesystem is str
ongly recommended with the WiredTiger storage engine
2023-04-06T15:09:18.698+0530 I STORAGE  [initandlisten] **        See http://dochub.mongodb.org/core/
prodnotes-filesystem
2023-04-06T15:09:20.147+0530 I CONTROL  [initandlisten]
2023-04-06T15:09:20.147+0530 I CONTROL  [initandlisten] ** WARNING: Access control is not enabled f
or the database.
2023-04-06T15:09:20.147+0530 I CONTROL  [initandlisten] **        Read and write access to data and c
onfiguration is unrestricted.
2023-04-06T15:09:20.147+0530 I CONTROL  [initandlisten]

//show databases present
> show dbs
admin      0.000GB
config     0.000GB
database1  0.000GB
local      0.000GB

//use database1
> use database1
switched to db database1

//show the collections in database1
> show collections
user

//Print the documents of user collection
> db.user.find()
{ "_id" : ObjectId("642e9c7c8baaaadbe5cf2cf1"), "name" : "jyoti", "email" : "nkumar25019@gmail.com", "p
hone no" : 9671101877, "age" : 20, "salary" : 50000 }
{ "_id" : 1, "name" : "jyoti", "email" : "nkumar25019@gmail.com", "phone no" : 9671101877, "age" : 20, "sa
lary" : 50000 }

//use pretty() method to beautify the documents
> db.user.find().pretty()
{
 "_id" : ObjectId("642e9c7c8baaaadbe5cf2cf1"),
 "name" : "jyoti",
 "email" : "nkumar25019@gmail.com",
 "phone no" : 9671101877,
 "age" : 20,
 "salary" : 50000
}
{
 "_id" : 1,
 "name" : "jyoti",
 "email" : "nkumar25019@gmail.com",
```

```
 "phone no" : 9671101877,
 "age" : 20,
 "salary" : 50000
}

//create one more collection that is user2
> db.user2.insert( { "name":"sahil", "age":21, "location": "hisar" } )
WriteResult({ "nInserted" : 1 })
> db.user2.insert( { "name":"priya", "age":18, "location": "hisar" } )
WriteResult({ "nInserted" : 1 })

//print user2 collection
> db.user2.find().pretty()
{
 "_id" : ObjectId("642eefdf6b31d7358aafc5ea"),
 "name" : "sahil",
 "age" : 21,
 "location" : "hisar"
}
{
 "_id" : ObjectId("642eeff66b31d7358aafc5eb"),
 "name" : "priya",
 "age" : 18,
 "location" : "hisar"
}

//edit the id
> db.user2.insert( {"_id":2, "name":"priya", "age":18, "location": "hisar" } )
WriteResult({ "nInserted" : 1 })
> db.user2.insert( {"_id":1, "name":"sahil", "age":21, "location": "hisar" } )
WriteResult({ "nInserted" : 1 })

//print user2 collection after edit the id
> db.user2.find().pretty()
{
 "_id" : ObjectId("642eefdf6b31d7358aafc5ea"),
 "name" : "sahil",
 "age" : 21,
 "location" : "hisar"
}
{
 "_id" : ObjectId("642eeff66b31d7358aafc5eb"),
 "name" : "priya",
 "age" : 18,
 "location" : "hisar"
}
{ "_id" : 2, "name" : "priya", "age" : 18, "location" : "hisar" }
{ "_id" : 1, "name" : "sahil", "age" : 21, "location" : "hisar" }


//use deleteOne() method to delete one document which has id=2
> db.user2.deleteOne({"_id":2})
{ "acknowledged" : true, "deletedCount" : 1 }
```

```
//print user2 collection after deletion
> db.user2.find().pretty()
{
 "_id" : ObjectId("642eefdf6b31d7358aafc5ea"),
 "name" : "sahil",
 "age" : 21,
 "location" : "hisar"
}
{
 "_id" : ObjectId("642eeff66b31d7358aafc5eb"),
 "name" : "priya",
 "age" : 18,
 "location" : "hisar"
}
{ "_id" : 1, "name" : "sahil", "age" : 21, "location" : "hisar" }

> db.user2.insert( {"_id":2, "name":"sonia", "age":20, "location": "tohana" } )
WriteResult({ "nInserted" : 1 })
> db.user2.insert( {"_id":3, "name":"deepak", "age":17, "location": "tohana" } )

WriteResult({ "nInserted" : 1 })

//Use deleteMany() method:-
> db.user2.deleteMany({"location":"tohana"})
{ "acknowledged" : true, "deletedCount" : 2 }
> db.user2.find().pretty()
{
 "_id" : ObjectId("642eefdf6b31d7358aafc5ea"),
 "name" : "sahil",
 "age" : 21,
 "location" : "hisar"
}
{
 "_id" : ObjectId("642eeff66b31d7358aafc5eb"),
 "name" : "priya",
 "age" : 18,
 "location" : "hisar"
}
{ "_id" : 1, "name" : "sahil", "age" : 21, "location" : "hisar" }

//use updateOne() method:-
> db.user2.updateOne({},{$set:{"age":25}})
{ "acknowledged" : true, "matchedCount" : 1, "modifiedCount" : 1 }
> db.user2.find().pretty()
{
 "_id" : ObjectId("642eefdf6b31d7358aafc5ea"),
 "name" : "sahil",
 "age" : 25,
 "location" : "hisar"
}
{
 "_id" : ObjectId("642eeff66b31d7358aafc5eb"),
 "name" : "priya",
 "age" : 18,
 "location" : "hisar"
```

```
}
{ "_id" : 1, "name" : "sahil", "age" : 21, "location" : "hisar" }


//use updateMany() method:-
> db.user2.updateMany({},{$inc:{"age":2}})
{ "acknowledged" : true, "matchedCount" : 3, "modifiedCount" : 3 }
> db.user2.find().pretty()
{
 "_id" : ObjectId("642eefdf6b31d7358aafc5ea"),
 "name" : "sahil",
 "age" : 27,
 "location" : "hisar"
}
{
 "_id" : ObjectId("642eeff66b31d7358aafc5eb"),
 "name" : "priya",
 "age" : 20,
 "location" : "hisar"
}
{ "_id" : 1, "name" : "sahil", "age" : 23, "location" : "hisar" }
```