use kaysan - for Creating a Database named kaysan

db - To check your currently selected database

show dbs or **show databases** - check your databases list

db.movie.insert({"name":"3Idiots", "Rating": 8.9}) – For Creating a collection named movie and Inserting some values into it.

db.movie.find() - To Read a Collection

Optional Commands:

db.movie.updateOne() - To update a single document

db.movie.updateMany() - To update multiple documents

db.movie.replaceOne() - To replace a document

<u>For Updating a column or row in database: -</u>

```
C:\Program Files\MongoDB\Server\4.4\bin\mongo.exe                                          —    □    ×
{ "_id" : ObjectId("640611d29049a93110d45300"), "name" : "3Idiots" }
> db.movie.insert({"name":"3Idiots","Rating":8.9},({"name":"PK","IMDB":4.8}))
WriteResult({ "nInserted" : 1 })
> db.movie.find()
{ "_id" : ObjectId("64060f9a9049a93110d452ff"), "name" : "DDLJ" }
{ "_id" : ObjectId("640611d29049a93110d45300"), "name" : "3Idiots" }
{ "_id" : ObjectId("6406126e9049a93110d45301"), "name" : "3Idiots", "Rating" : 8.9 }
> db.movie.update(
... {
... "name":"3Idiots"
... },
... {
... $set :
... {
... "name":"PK",
... "Rating":10
... }
... }
... )
uncaught exception: SyntaxError: missing ) after argument list :
@(shell):12:0
> db.movie.update( { "name":"3Idiots" }, { $set : { "name":"PK", "Rating":10 } } )
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db
database_kaysan
> db.movie.find()
{ "_id" : ObjectId("64060f9a9049a93110d452ff"), "name" : "DDLJ" }
{ "_id" : ObjectId("640611d29049a93110d45300"), "name" : "PK", "Rating" : 10 }
{ "_id" : ObjectId("6406126e9049a93110d45301"), "name" : "3Idiots", "Rating" : 8.9 }
>
```

E.g.: -

db.Employee.update

(

    {

        Employeeid : 1

    },

    {

        $set :

        {

            "EmployeeName" : "NewMartin",

            "Employeeid" : 22

        }

    }

For deleting a specific column or row: -

```
> db.movie.deleteOne( { "name":"3Idiots" })
{ "acknowledged" : true, "deletedCount" : 1 }
> db.movie.find()
{ "_id" : ObjectId("64060f9a9049a93110d452ff"), "name" : "DDLJ" }
{ "_id" : ObjectId("640611d29049a93110d45300"), "name" : "PK", "Rating" : 10 }
>
```

Dropping a database: -

```
> db.movie.drop()
true
> db.movie.find()
> show databases
admin    0.000GB
config   0.000GB
local    0.000GB
test     0.000GB
>
```

How to insert multiple document in collection: - (By Creating an Array we can insert multiple documents in a collection)

```
> var movie= [{ "Movie":"PK", "rating":9 }, { "Movie":"FRIENDS", "rating":9.5 }, {"Movie":"HIMYM", "rating":10 }]
> db.kaysan.insert(movie);
BulkWriteResult({
        "writeErrors" : [ ],
        "writeConcernErrors" : [ ],
        "nInserted" : 3,
        "nUpserted" : 0,
        "nMatched" : 0,
        "nModified" : 0,
        "nRemoved" : 0,
        "upserted" : [ ]
})
> db.movie.find()
{ "_id" : ObjectId("6406194c9049a93110d45302"), "name" : "DDLJ" }
> db.kaysan.find()
{ "_id" : ObjectId("64061ab69049a93110d45303"), "Movie" : "PK", "rating" : 9 }
{ "_id" : ObjectId("64061ab69049a93110d45304"), "Movie" : "FRIENDS", "rating" : 9.5 }
{ "_id" : ObjectId("64061ab69049a93110d45305"), "Movie" : "HIMYM", "rating" : 10 }
> var movie= [{ "Movie":"PK", "rating":9 }, { "Movie":"FRIENDS", "rating":9.5 }, {"Movie":"HIMYM", "rating":10 }]
> db.movie.insert(movie);
BulkWriteResult({
        "writeErrors" : [ ],
        "writeConcernErrors" : [ ],
        "nInserted" : 3,
        "nUpserted" : 0,
        "nMatched" : 0,
        "nModified" : 0,
        "nRemoved" : 0,
        "upserted" : [ ]
```

C:\Program Files\MongoDB\Server\4.4\bin\mongo.exe   —   □   ×

```
  "_id" : ObjectId("64061ab69049a93110d45305"), "Movie" : "HIMYM", "rating" : 10 }
  var movie= [{ "Movie":"PK", "rating":9 }, { "Movie":"FRIENDS", "rating":9.5 }, {"Movie":"HIMYM", "rating":10 }]
  db.movie.insert(movie);
BulkWriteResult({
        "writeErrors" : [ ],
        "writeConcernErrors" : [ ],
        "nInserted" : 3,
        "nUpserted" : 0,
        "nMatched" : 0,
        "nModified" : 0,
        "nRemoved" : 0,
        "upserted" : [ ]
)
  db.movie.find()
  "_id" : ObjectId("6406194c9049a93110d45302"), "name" : "DDLJ" }
  "_id" : ObjectId("64061b0c9049a93110d45306"), "Movie" : "PK", "rating" : 9 }
  "_id" : ObjectId("64061b0c9049a93110d45307"), "Movie" : "FRIENDS", "rating" : 9.5 }
  "_id" : ObjectId("64061b0c9049a93110d45308"), "Movie" : "HIMYM", "rating" : 10 }
```