1. **To create a database in mongoDB - use <database name>**

use vita

>use vita

switched to db vita

**2. To check your currently selected database, use the command db**

db

>db

vita

**3. To check list of databases, use the command show dbs**

make sure you have atleast inserted one row or a document in the collection or a table

>db.employee.insert ({"name":"Krishna"})

Now run

>show dbs

local 0.000GB

vita 0.000GB

In MongoDB default database is test. If you didn't create any database, then collections will be stored in test database.

**4. If you want to delete database <local>, then dropDatabase() command would be as follows −**

>use local

switched to db local

>db.dropDatabase()

>{ "dropped" : "local", "ok" : 1 }

> show dbs

vita 0.000GB

**5.If you want to drop a table or a collection  <employee>, then  command would be as follows −**

>use vita

switched to db vita

show collections

>db.employee.drop()

true

**6. To insert data into MongoDB collection, you need to use MongoDB's insert() or save() method.**

the basic command is >db.COLLECTION\_NAME.insert(document)

> db.employee.insert({

\_id : 'Emp001',

fname: 'Sanjay',

lname: 'Garg',

dob : new Date ("1972-06-20"),

doj : new Date ("2016-04-01"),

address : [

{

Block : '2/20',

Street : '4th Avenue',

City : 'Bangalore',

State : 'karnataka',

pin : '560037'

}

]

})

db.employee.insert({

\_id : 'Emp002',

fname: 'Rajiv',

lname: 'Kumar',

dob : new Date ("1972-06-20"),

doj : new Date ("2016-04-01"),

address : [

{

Block : '4/801',

Street : '3rd Road',

City : 'Mumbai',

State : 'Maharashtra',

pin : '400005'

}

]

})

**7. To display the contents of the collection.**

>db.COLLECTION\_NAME.find() or db.COLLECTION\_NAME.find().pretty()

>db. employee.find() - display in a unstuctured way

OR

>db.employee.find().pretty() - display in a structured way

OR with where clause

>db.employee.find({'fname':'Rajiv'}).pretty()

8. **To update the values in the document**

>db.employee.update({'lname':'Kumar'}, {$set:{'lname':'Shah'}})

9. **To delete the document**

>db.employee.remove({'lname':'Shah'}, 1)

**10. To truncate the table**

>db.employee.remove()

**11. To show the limit number of records and skip the first record**

>db.employee.find().limit(1).skip(1)

**12. To sort the data**

>db.employee.find({},{"fname":1,\_id:0}).sort({"fname":-1})