1. **Database Commands :-**
2. View all databases

show dbs

1. create a new or switch databases

use dbName

1. View current Database

db

1. Delete Database

db.dropDatabase()

**2. Collection Commands :-**

a) Show Collections

show collections

b) Create a collection named 'comments'

db.createCollection('comments')

c) Drop a collection named 'comments'

db.comments.drop()

**3. Row(Document) Commands :-**

a) Show all Rows in a Collection

db.comments.find()

b) Show all Rows in a Collection (Prettified)

db.comments.find().pretty()

c) Find the first row matching the object

db.comments.findOne({name: 'Aarish'})

**4. Insert One Row :-**

a) db.comments.insert({

'name': 'Aarish',

'lang': 'JavaScript',

'member\_since': 5

})

**5. Insert many Rows :-**

a) db.comments.insertMany([{

'name': 'Aarish',

'lang': 'JavaScript',

'member\_since': 5

},

{'name': 'Aarish',

'lang': 'Python',

'member\_since': 3

},

{'name': 'Lovish',

'lang': 'Java',

'member\_since': 4

}])

**6. Search in a MongoDb Database :-**

a) db.comments.find({lang:'Python'})

**7. Limit the number of rows in output :-**

a) db.comments.find().limit(2)

**8. Count the number of rows in the output:-**

a) db.comments.find().count()

**9. Update a row :-**

a) db.comments.updateOne({name: 'Shubham'},

{$set: {'name': 'Aarish',

'lang': 'JavaScript',

'member\_since': 51

}}, {upsert: true})

**10. Mongodb Increment Operator :-**

a) db.comments.update({name: 'Harry'},

{$inc:{

member\_since: 2

}})

**11. Mongodb Rename Operator :-**

a) db.comments.update({name: 'Harry'},

{$rename:{

member\_since: 'member'

}})

**12. Delete Row :-**

1. db.comments.remove({name: 'Aarish'})

**Less than/Greater than/ Less than or Eq/Greater than or Eq :-**

1. db.comments.find({member\_since: {$lt: 90}})
2. db.comments.find({member\_since: {$lte: 90}})
3. db.comments.find({member\_since: {$gt: 90}})
4. db.comments.find({member\_since: {$gte: 90}})