**1. Database Commands**

**View all databases**

show dbs

**Create a new or switch databases**

use dbName

**View current Database**

db

**Delete Database**

db.dropDatabase()

**2. Collection Commands**

**Show Collections**

show collections

**Create a collection named 'comments'**

db.createCollection('comments')

**Drop a collection named 'comments'**

db.comments.drop()

**3. Row(Document) Commands**

**Show all Rows in a Collection**

db.comments.find()

**Show all Rows in a Collection (Prettified)**

db.comments.find().pretty()

**Find the first row matching the object**

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

**Insert One Row**

db.comments.insert({

'name': 'Harry',

'lang': 'JavaScript',

'member\_since': 5

})

**Insert many Rows**

db.comments.insertMany([{

'name': 'Harry',

'lang': 'JavaScript',

'member\_since': 5

},

{'name': 'Rohan',

'lang': 'Python',

'member\_since': 3

},

{'name': 'Lovish',

'lang': 'Java',

'member\_since': 4

}])

**Search in a MongoDb Database**

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

**Limit the number of rows in output**

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

**Count the number of rows in the output**

db.comments.find().count()

**Update a row**

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

{$set: {'name': 'Harry',

'lang': 'JavaScript',

'member\_since': 51

}}, {upsert: true})

**Mongodb Increment Operator**

db.comments.update({name: 'Rohan'},

{$inc:{

member\_since: 2

}})

**Mongodb Rename Operator**

db.comments.update({name: 'Rohan'},

{$rename:{

member\_since: 'member'

}})

**Delete Row**

db.comments.remove({name: 'Harry'})

**Less than/Greater than/ Less than or Eq/Greater than or Eq**

db.comments.find({member\_since: {$lt: 90}})

db.comments.find({member\_since: {$lte: 90}})

db.comments.find({member\_since: {$gt: 90}})

db.comments.find({member\_since: {$gte: 90}})