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.update({name: 'Shubham'},

{'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}})