First, we need to enter into MONGO shell

> mongo

**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 ‘laptops’**

> db.createCollection(‘laptops’)

**Drop a collection named ‘laptops’**

> db.laptops.drop()

**3. Row (Document) Commands**

**Show all Rows in a Collection**

> db.laptops.find()

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

> db.laptops.find().pretty()

**Find the first row matching the object**

> db.laptops.findOne({brand: ‘HP’})

**Insert One Row**

> db.laptops.insert({ ‘Brand’ : ‘HP’, ‘RAM’ : ‘8gb’, ‘Price’ : ‘55000’})

**Insert Multiple Row**

> db.laptops.insertMany([{

‘Brand’ : ‘HP’,

‘RAM’ : ‘8gb’,

‘Price’ : ‘55000’

},

{‘Brand’ : ‘Dell’,

‘RAM’ : ‘16gb’,

‘Price’ : ‘85000’

},

{‘Brand’ : ‘ASUS’,

‘RAM’ : ‘4gb’,

‘Price’ : ‘35000’

}])

**Search in a MongoDb Database**

> db.laptops.find({RAM: ‘16gb’})

**Limit the number of rows in output**

> db.laptops.find().limit(2)

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

> db.laptops.find().count()

**Update a row**

> db.laptops.update({Brand: ‘SONY’},

{‘Brand’ : ‘ASUS’,

‘RAM’ : ‘4gb’,

‘Price’ : ‘35000’

}, {upsert: true})

**(Or)**

> db.laptops.update({Brand: ‘ASUS’},

{ $set: {‘Brand’ : ‘SONY’, }

})

**Delete Row**

> db.laptops.remove({ Brand : ‘HP’})