**OPERATIONS DONE ON SHELL:**

* Use database\_name
* check 🡺 db --- > same database name will be shown.
* Insert:

db.employees.insertMany([  
  {  
    name: "Neha Reddy",  
    department: "Marketing",  
    salary: 45000,  
    age: 28  
  },  
  {  
    name: "Faizan Ali",  
    department: "Engineering",  
    salary: 58000,  
    age: 32  
  },  
  {  
    name: "Divya Mehta",  
    department: "HR",  
    salary: 40000,  
    age: 29  
  },  
  {  
    name: "Ravi Verma",  
    department: "Sales",  
    salary: 35000,  
    age: 26  
  }  
]);

* Display

Db.employees.find()

Db.employees.findOne()

Db,employees.find({name:”haritha”,salary:1})

* Comparision:

Db.employees.find({salary:{$gt:4000}}) -- greater than

Db.employees.find({salary:{$lt:4000}}) -- lesser than

Db.employees.find({salary:{$gte:4000 , $lte: 50000}}) betweeen

* Search:

Db.employees.find({department: {$in:[“HR”,”Sales”]}}) -- search for hr and sales

Db.employees.find({department:{$nin:[“HR”,”Sales”]}}) – not in hr and sales

Db.employees.find({department:{$ne:”hr”}}) – not equal to hr

* Expression match:

Db.employees.find({name:{$regex: “^A”}}) -- starting with A

db.employees.find({ name: { $regex: "a$" } }) – ending with a

db.employees.find({ name: { $regex: "vi" } }) – contains vi

* Sorting:

Db.employees.find().sort({salary:-1}) – desc order based on salary

Db.employees.find().sort({salary:1}) – asc order

* Limit:

Db.employees.find().sort({salary:-1}).limit(1) – highest salary

Db.employees.find().sort({salary:1}).limit(1) -- lowest salary

* Update:

Db.employees.updateOne({name:”Faizal Ali”},{$set : {salary:500,age:24}})

Db.employees.updateMany({name:”Faizal Ali”},{$inc {salary:200}})

* Delete:

Db.employees.deleteOne({department:”HR”})

Db.employees.deleteMany({department:”HR”})