**Create Collection emp for employee**

> db.createCollection("emp")

{ "ok" : 1 }

> show collections;

Books

books

emp

posts

sales

users

**Insert one**

> db.emp.insertOne({name:"PKP",office:"pune",addr:"Patang Plaza phase 1 pune",position:"CEO"})

{

"acknowledged" : true,

"insertedId" : ObjectId("67061bdaa40e3d447c2e0594")

}

**Update one**

> db.emp.updateOne({name:"PKP"},{$set:{age:28}})

{ "acknowledged" : true, "matchedCount" : 1, "modifiedCount" : 1 }

> db.emp.find().pretty()

{

"\_id" : ObjectId("67061bdaa40e3d447c2e0594"),

"name" : "PKP",

"office" : "pune",

"addr" : "Patang Plaza phase 1 pune",

"position" : "CEO",

"age" : 28

}

**Insert Many**

> db.emp.insertMany([

... { name: "Rahul Desai", office: "Mumbai", addr: "Sunrise Tower, Mumbai", position: "Manager", age: 35 },

... { name: "Neha Verma", office: "Bangalore", addr: "Tech Park, Bangalore", position: "Developer", age: 27 },

... { name: "Vikram Singh", office: "Chennai", addr: "Greenfield Avenue, Chennai", position: "Designer", age: 30 },

... { name: "Anjali Rao", office: "Hyderabad", addr: "Cyber City, Hyderabad", position: "Analyst", age: 26 },

... { name: "Kiran Nair", office: "Delhi", addr: "Connaught Place, Delhi", position: "HR", age: 29 }

... ])

{

"acknowledged" : true,

"insertedIds" : [

ObjectId("67061e69a40e3d447c2e0595"),

ObjectId("67061e69a40e3d447c2e0596"),

ObjectId("67061e69a40e3d447c2e0597"),

ObjectId("67061e69a40e3d447c2e0598"),

ObjectId("67061e69a40e3d447c2e0599")

]

}

**Find**

> db.emp.find({age:{ $gt:28}}).pretty()

{

"\_id" : ObjectId("67061e69a40e3d447c2e0595"),

"name" : "Rahul Desai",

"office" : "Mumbai",

"addr" : "Sunrise Tower, Mumbai",

"position" : "Manager",

"age" : 35

}

{

"\_id" : ObjectId("67061e69a40e3d447c2e0597"),

"name" : "Vikram Singh",

"office" : "Chennai",

"addr" : "Greenfield Avenue, Chennai",

"position" : "Designer",

"age" : 30

}

{

"\_id" : ObjectId("67061e69a40e3d447c2e0599"),

"name" : "Kiran Nair",

"office" : "Delhi",

"addr" : "Connaught Place, Delhi",

"position" : "HR",

"age" : 29

}

**Delete**

> db.emp.deleteOne({ name: "Vikram Singh" })

{ "acknowledged" : true, "deletedCount" : 0 }

**Logical Operators**  
db.users.find({

$or: [

{ status: "active" },

{ age: { $gt: 25 } }

]

})

Exception not   
db.users.find({

age: { $not: { $gt: 25 } }

})  
  
Combining   
db.users.find({

$and: [

{ status: "active" },

{

$or: [

{ age: { $gt: 25 } },

{ score: { $lt: 50 } }

]

}

]

})

the save() method is an older method used to either insert or update a document in a collection, depending on whether the document already has an \_id field

 **Insert Operation**: If the document does not have an \_id field or the specified \_id is unique (i.e., doesn’t match any document in the collection), save() will perform an insert operation.

 **Update Operation**: If the document contains an \_id that matches an existing document in the collection, save() will update the existing document, replacing it with the new document data.