1.Create a database named Employee. Create a collection named empDetails

You can use any of the fields Name, Age ,e\_mail, phone,salary

> use Emp

switched to db Emp

> use Employee

switched to db Employee

> db.createCollection("empdetails");

{ "ok" : 1 }

1. Insert 5 documents in it using the different insert() methods and

1. Find the details of employee whose name is mohan

db.empdetails.find({"Name":"Mohan"});

{ "\_id" : ObjectId("629adafb881d51cafe890ca8"), "Name" : "Mohan", "Age" : 28, "Email" : "mohan@gmail.com", "Phone" : 9395658525, "salary" : 32000 }

1. Fetch the documents of employees whose salary >=5000

> db.empdetails.find({salary:{$gt:50000}});

{ "\_id" : ObjectId("629adaae881d51cafe890ca6"), "Name" : "Raju", "Age" : 27, "Email" : "raju@gmail.com", "Phone" : 9565852585, "salary" : 59000 }

{ "\_id" : ObjectId("629adad3881d51cafe890ca7"), "Name" : "Bhuvan", "Age" : 28, "Email" : "bhuvan@gmail.com", "Phone" : 9656582526, "salary" : 79000 }

{ "\_id" : ObjectId("629adb5e881d51cafe890caa"), "Name" : "Ragnar", "Age" : 26, "Email" : "ragnar@gmail.com", "Phone" : 5362124536, "salary" : 55000 }

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1. Find the documents of employees whose name starts with letter r

> db.empdetails.find({Name:/^R/});

{ "\_id" : ObjectId("629adaae881d51cafe890ca6"), "Name" : "Raju", "Age" : 27, "Email" : "raju@gmail.com", "Phone" : 9565852585, "salary" : 59000 }

{ "\_id" : ObjectId("629adb5e881d51cafe890caa"), "Name" : "Ragnar", "Age" : 26, "Email" : "ragnar@gmail.com", "Phone" : 5362124536, "salary" : 55000 }

>

1. Find the documents of employees whose name is not in mohan , raju, bhuvan

> db.empdetails.find({"Name":{$nin:["Mohan","Raju","Bhuvan"]}});

{ "\_id" : ObjectId("629adb41881d51cafe890ca9"), "Name" : "SreeraG", "Age" : 23, "Email" : "sreeragtv03@gmail.com", "Phone" : 7356841225, "salary" : 25000 }

{ "\_id" : ObjectId("629adb5e881d51cafe890caa"), "Name" : "Ragnar", "Age" : 26, "Email" : "ragnar@gmail.com", "Phone" : 5362124536, "salary" : 55000 }

>

1. Find the documents of employees whose names are mohan , raju, bhuvan

> db.empdetails.find({"Name":{$in:["Mohan","Raju","Bhuvan"]}});

{ "\_id" : ObjectId("629adaae881d51cafe890ca6"), "Name" : "Raju", "Age" : 27, "Email" : "raju@gmail.com", "Phone" : 9565852585, "salary" : 59000 }

{ "\_id" : ObjectId("629adad3881d51cafe890ca7"), "Name" : "Bhuvan", "Age" : 28, "Email" : "bhuvan@gmail.com", "Phone" : 9656582526, "salary" : 79000 }

{ "\_id" : ObjectId("629adafb881d51cafe890ca8"), "Name" : "Mohan", "Age" : 28, "Email" : "mohan@gmail.com", "Phone" : 9395658525, "salary" : 32000 }

>

1. Retrieve the details of employees whose age is less than 30. Display only the fields name, salary

> db.empdetails.find({"Age":{$lt:30}},{"Name":1,"salary":1});

{ "\_id" : ObjectId("629adaae881d51cafe890ca6"), "Name" : "Raju", "salary" : 59000 }

{ "\_id" : ObjectId("629adad3881d51cafe890ca7"), "Name" : "Bhuvan", "salary" : 79000 }

{ "\_id" : ObjectId("629adafb881d51cafe890ca8"), "Name" : "Mohan", "salary" : 32000 }

{ "\_id" : ObjectId("629adb41881d51cafe890ca9"), "Name" : "SreeraG", "salary" : 25000 }

{ "\_id" : ObjectId("629adb5e881d51cafe890caa"), "Name" : "Ragnar", "salary" : 55000 }

>

1. Find the details of employees whose salary is >5000 and age is < 30

> db.empdetails.find({$and:[{"Age":{$lt:30}},{salary:{$gt:50000}}]});

{ "\_id" : ObjectId("629adaae881d51cafe890ca6"), "Name" : "Raju", "Age" : 27, "Email" : "raju@gmail.com", "Phone" : 9565852585, "salary" : 59000 }

{ "\_id" : ObjectId("629adad3881d51cafe890ca7"), "Name" : "Bhuvan", "Age" : 28, "Email" : "bhuvan@gmail.com", "Phone" : 9656582526, "salary" : 79000 }

{ "\_id" : ObjectId("629adb5e881d51cafe890caa"), "Name" : "Ragnar", "Age" : 26, "Email" : "ragnar@gmail.com", "Phone" : 5362124536, "salary" : 55000 }

>

1. Update the e-mail of employee whose name is mohan  // findOneAndUpdate()

> db.empdetails.update({Name:"Mohan"},{$set:{Email:"abiram@gmail.com"}});

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })

> db.empdetails.find().pretty()

{

"\_id" : ObjectId("629adaae881d51cafe890ca6"),

"Name" : "Raju",

"Age" : 27,

"Email" : "raju@gmail.com",

"Phone" : 9565852585,

"salary" : 59000

}

{

"\_id" : ObjectId("629adad3881d51cafe890ca7"),

"Name" : "Bhuvan",

"Age" : 28,

"Email" : "bhuvan@gmail.com",

"Phone" : 9656582526,

"salary" : 79000

}

{

"\_id" : ObjectId("629adafb881d51cafe890ca8"),

"Name" : "Mohan",

"Age" : 28,

"Email" : "abiram@gmail.com",

"Phone" : 9395658525,

"salary" : 32000

}

{

"\_id" : ObjectId("629adb41881d51cafe890ca9"),

"Name" : "SreeraG",

"Age" : 23,

"Email" : "sreeragtv03@gmail.com",

"Phone" : 7356841225,

"salary" : 25000

}

{

"\_id" : ObjectId("629adb5e881d51cafe890caa"),

"Name" : "Ragnar",

"Age" : 26,

"Email" : "ragnar@gmail.com",

"Phone" : 5362124536,

"salary" : 55000

}

1. Delete all the documents of employees whose age>56