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

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

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

db.data.insert({"name" : "mohan","age" : 50,"email" : "mahan@a","salary" : 2000})

db.data.insert({"name":"raju","age":60,"email":"raju@a","salary":5000});

db.data.insert({"name":"bhuvan","age":20,"email":"bhuv@a","salary":5000});

db.data.insert({"name":"sana","age":60,"email":"sana@a","salary":9000});

db.data.insert({"name":"sisu","age":20,"email":"sisu@a","salary":1000});

> db.data.find().pretty()

{

"\_id" : ObjectId("6299b950419b75020971d89a"),

"name" : "mohan",

"age" : 50,

"email" : "mahan@a",

"salary" : 2000

}

{

"\_id" : ObjectId("6299b998419b75020971d89b"),

"name" : "raju",

"age" : 60,

"email" : "raju@a",

"salary" : 5000

}

{

"\_id" : ObjectId("6299ba50419b75020971d89c"),

"name" : "bhuvan",

"age" : 20,

"email" : "bhuv@a",

"salary" : 5000

}

{

"\_id" : ObjectId("6299ba74419b75020971d89d"),

"name" : "sana",

"age" : 60,

"email" : "sana@a",

"salary" : 9000

}

{

"\_id" : ObjectId("6299ba91419b75020971d89e"),

"name" : "sisu",

"age" : 20,

"email" : "sisu@a",

"salary" : 1000

}

1. Find the details of employee whose name is mohan

> db.data.find({"name":{$in:["mohan"]}}).pretty()

{

"\_id" : ObjectId("6299b950419b75020971d89a"),

"name" : "mohan",

"age" : 50,

"email" : "mahan@a",

"salary" : 2000

}

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

db.data.find({"salary":{$gte:5000}}).pretty()

{

"\_id" : ObjectId("6299b998419b75020971d89b"),

"name" : "raju",

"age" : 60,

"email" : "raju@a",

"salary" : 5000

}

{

"\_id" : ObjectId("6299ba50419b75020971d89c"),

"name" : "bhuvan",

"age" : 20,

"email" : "bhuv@a",

"salary" : 5000

}

{

"\_id" : ObjectId("6299ba74419b75020971d89d"),

"name" : "sana",

"age" : 60,

"email" : "sana@a",

"salary" : 9000

}

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

> db.data.find({"name":/^r/}).pretty()

{

"\_id" : ObjectId("6299b998419b75020971d89b"),

"name" : "raju",

"age" : 60,

"email" : "raju@a",

"salary" : 5000

}

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

> db.data.find({"name":{$nin:["bhuvan","raju","mohan"]}}).pretty()

{

"\_id" : ObjectId("6299ba74419b75020971d89d"),

"name" : "sana",

"age" : 60,

"email" : "sana@a",

"salary" : 9000

}

{

"\_id" : ObjectId("6299ba91419b75020971d89e"),

"name" : "sisu",

"age" : 20,

"email" : "sisu@a",

"salary" : 1000

}

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

> db.data.find({"name":{$in:["bhuvan","raju","mohan"]}}).pretty()

{

"\_id" : ObjectId("6299b950419b75020971d89a"),

"name" : "mohan",

"age" : 50,

"email" : "mahan@a",

"salary" : 2000

}

{

"\_id" : ObjectId("6299b998419b75020971d89b"),

"name" : "raju",

"age" : 60,

"email" : "raju@a",

"salary" : 5000

}

{

"\_id" : ObjectId("6299ba50419b75020971d89c"),

"name" : "bhuvan",

"age" : 20,

"email" : "bhuv@a",

"salary" : 5000

}

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

db.data.find({age:{$lt:30}},{"name":1,salary:"1"}).pretty()

{

"\_id" : ObjectId("6299ba50419b75020971d89c"),

"name" : "bhuvan",

"salary" : "1"

}

{

"\_id" : ObjectId("6299ba91419b75020971d89e"),

"name" : "sisu",

"salary" : "1"

}

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

> db.data.find({$and: [{"age":{$lt:30}},{"salary":{$gte:5000}}]}).pretty()

{

"\_id" : ObjectId("6299ba50419b75020971d89c"),

"name" : "bhuvan",

"age" : 20,

"email" : "bhuv@a",

"salary" : 5000

}

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

> db.data.update({"name":"mohan"},{$set:{email:"new@updated"}})

> db.data.findOneAndUpdate({"name":"mohan"},{$set:{email:"new1@updated"}})

{

"\_id" : ObjectId("6299b950419b75020971d89a"),

"name" : "mohan",

"age" : 50,

"email" : "new@updated",

"salary" : 2000

}

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

> db.data.deleteMany({"age":{$gt:56}})

{ "acknowledged" : true, "deletedCount" : 2 }

> db.data.find().pretty()

{

"\_id" : ObjectId("6299b950419b75020971d89a"),

"name" : "mohan",

"age" : 50,

"email" : "new1@updated",

"salary" : 2000

}

{

"\_id" : ObjectId("6299ba50419b75020971d89c"),

"name" : "bhuvan",

"age" : 20,

"email" : "bhuv@a",

"salary" : 5000

}

{

"\_id" : ObjectId("6299ba91419b75020971d89e"),

"name" : "sisu",

"age" : 20,

"email" : "sisu@a",

"salary" : 1000

}