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show dbs;
Employee 0.000GB
admin    0.000GB
config   0.000GB
local    0.000GB
rahul    0.000GB
> use Employee;
switched to db Employee
>
> show collections;
emp1
>
> db.emp1.insertMany([
...  { eno: 1, ename: "Alice", address: "123 Main St", sal: 6000 },
...  { eno: 2, ename: "Bob", address: "456 Elm St", sal: 7000 },
...  { eno: 3, ename: "Charlie", address: "789 Oak St", sal: 8000 },
...  { eno: 4, ename: "David", address: "101 Pine St", sal: 9000 },
...  { eno: 5, ename: "Eve", address: "202 Cedar St", sal: 10000 }
... ])
{
  "acknowledged" : true,
  "insertedIds" : [
    ObjectId("652d3baccd20a3841aa88c83"),
    ObjectId("652d3baccd20a3841aa88c84"),
    ObjectId("652d3baccd20a3841aa88c85"),
    ObjectId("652d3baccd20a3841aa88c86"),
    ObjectId("652d3baccd20a3841aa88c87")
  ]
}
> db.emp1.find().pretty();
{
  "_id" : ObjectId("652d3baccd20a3841aa88c83"),
  "eno" : 1,
  "ename" : "Alice",
  "address" : "123 Main St",
  "sal" : 6000
}
{
  "_id" : ObjectId("652d3baccd20a3841aa88c84"),
  "eno" : 2,
  "ename" : "Bob",
  "address" : "456 Elm St",
  "sal" : 7000
}
{
  "_id" : ObjectId("652d3baccd20a3841aa88c85"),
  "eno" : 3,
  "ename" : "Charlie",
  "address" : "789 Oak St",
  "sal" : 8000
}
{
  "_id" : ObjectId("652d3baccd20a3841aa88c86"),
  "eno" : 4,
  "ename" : "David",

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    "address" : "101 Pine St",
    "sal" : 9000
  }
  {
    "_id" : ObjectId("652d3baccd20a3841aa88c87"),
    "eno" : 5,
    "ename" : "Eve",
    "address" : "202 Cedar St",
    "sal" : 10000
  }
}

> db.emp1.insert({ _id: ObjectId("652d3baccd20a3841aa88c80"), eno: 6, ename: "Rahul", address: "Pimpri Chinchwad", sal: 20000})
WriteResult({ "nInserted" : 1 })

db.emp1.find({sal:{$gt: 5000}})
{ "_id" : ObjectId("652d3baccd20a3841aa88c83"), "eno" : 1, "ename" : "Alice", "address" : "123 Main St", "sal" : 6000 }
{ "_id" : ObjectId("652d3baccd20a3841aa88c84"), "eno" : 2, "ename" : "Bob", "address" : "456 Elm St", "sal" : 7000 }
{ "_id" : ObjectId("652d3baccd20a3841aa88c85"), "eno" : 3, "ename" : "Charlie", "address" : "789 Oak St", "sal" : 8000 }
{ "_id" : ObjectId("652d3baccd20a3841aa88c86"), "eno" : 4, "ename" : "David", "address" : "101 Pine St", "sal" : 9000 }
{ "_id" : ObjectId("652d3baccd20a3841aa88c87"), "eno" : 5, "ename" : "Eve", "address" : "202 Cedar St", "sal" : 10000 }
{ "_id" : ObjectId("652d3baccd20a3841aa88c80"), "eno" : 6, "ename" : "Rahul", "address" : "Pimpri Chinchwad", "sal" : 20000 }
>
> db.emp1.find({sal:{$lt: 15000}})
{ "_id" : ObjectId("652d3baccd20a3841aa88c83"), "eno" : 1, "ename" : "Alice", "address" : "123 Main St", "sal" : 6000 }
{ "_id" : ObjectId("652d3baccd20a3841aa88c84"), "eno" : 2, "ename" : "Bob", "address" : "456 Elm St", "sal" : 7000 }
{ "_id" : ObjectId("652d3baccd20a3841aa88c85"), "eno" : 3, "ename" : "Charlie", "address" : "789 Oak St", "sal" : 8000 }
{ "_id" : ObjectId("652d3baccd20a3841aa88c86"), "eno" : 4, "ename" : "David", "address" : "101 Pine St", "sal" : 9000 }
{ "_id" : ObjectId("652d3baccd20a3841aa88c87"), "eno" : 5, "ename" : "Eve", "address" : "202 Cedar St", "sal" : 10000 }
>
> db.emp1.find({sal:{$lt:20000, $gt:10000}})
> db.emp1.find({sal:{$lt:25000, $gt:10000}})
{ "_id" : ObjectId("652d3baccd20a3841aa88c80"), "eno" : 6, "ename" : "Rahul", "address" : "Pimpri Chinchwad", "sal" : 20000 }

>db.emp1.updateMany({},{$mul:{sal:1.10}})
{ "acknowledged" : true, "matchedCount" : 6, "modifiedCount" : 6 }

db.emp1.updateMany({}, { $mul: { sal: 1.10 } })
{ "acknowledged" : true, "matchedCount" : 6, "modifiedCount" : 6 }
> db.emp1.find().pretty();
{
  "_id" : ObjectId("652d3baccd20a3841aa88c83"),
  "eno" : 1,

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    "ename" : "Alice",
    "address" : "123 Main St",
    "sal" : 7260.0000000000002
  }
  {
    "_id" : ObjectId("652d3baccd20a3841aa88c84"),
    "eno" : 2,
    "ename" : "Bob",
    "address" : "456 Elm St",
    "sal" : 8470.0000000000002
  }
  {
    "_id" : ObjectId("652d3baccd20a3841aa88c85"),
    "eno" : 3,
    "ename" : "Charlie",
    "address" : "789 Oak St",
    "sal" : 9680
  }
  {
    "_id" : ObjectId("652d3baccd20a3841aa88c86"),
    "eno" : 4,
    "ename" : "David",
    "address" : "101 Pine St",
    "sal" : 10890
  }
  {
    "_id" : ObjectId("652d3baccd20a3841aa88c87"),
    "eno" : 5,
    "ename" : "Eve",
    "address" : "202 Cedar St",
    "sal" : 12100.0000000000002
  }
  {
    "_id" : ObjectId("652d3baccd20a3841aa88c80"),
    "eno" : 6,
    "ename" : "Rahul",
    "address" : "Pimpri Chinchwad",
    "sal" : 24200.0000000000004
  }
}

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> db.emp1.deleteMany({ sal: { $lt: 5000 } })
{ "acknowledged" : true, "deletedCount" : 0 }
>
> db.emp1.renameCollection("employee1")
{ "ok" : 1 }
> show collections;
employee1
>
> db.employee1.find({ename: /^R/})
{ "_id" : ObjectId("652d3baccd20a3841aa88c80"), "eno" : 6, "ename" : "Rahul", "address" : "Pimpri Chinchwad", "sal" : 24200.0000000000004 }
>
> db.employee1.find().sort({ ename: 1 })
{ "_id" : ObjectId("652d3baccd20a3841aa88c83"), "eno" : 1, "ename" : "Alice", "address" : "123 Main St", "sal" : 7260.0000000000002 }

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{ "_id" : ObjectId("652d3baccd20a3841aa88c84"), "eno" : 2, "ename" : "Bob", "address" : "456 Elm St", "sal" : 8470.000000000002 }
{ "_id" : ObjectId("652d3baccd20a3841aa88c85"), "eno" : 3, "ename" : "Charlie", "address" : "789 Oak St", "sal" : 9680 }
{ "_id" : ObjectId("652d3baccd20a3841aa88c86"), "eno" : 4, "ename" : "David", "address" : "101 Pine St", "sal" : 10890 }
{ "_id" : ObjectId("652d3baccd20a3841aa88c87"), "eno" : 5, "ename" : "Eve", "address" : "202 Cedar St", "sal" : 12100.000000000002 }
{ "_id" : ObjectId("652d3baccd20a3841aa88c80"), "eno" : 6, "ename" : "Rahul", "address" : "Pimpri Chinchwad", "sal" : 24200.000000000004 }
>
>> show dbs;
Employee 0.000GB
admin    0.000GB
config   0.000GB
local    0.000GB
rahul    0.000GB
> use Employee;
switched to db Employee
> db.dropDatabase();
{ "dropped" : "Employee", "ok" : 1 }
> show dbs;
admin    0.000GB
config   0.000GB
local    0.000GB
rahul    0.000GB
> use rahul
switched to db rahul
> db.createCollection("emp2")
{ "ok" : 1 }
> db.emp2.drop();
true
```