```
Microsoft Windows [Version 10.0.15063]
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C:\Users\SERVERROOM>cd..
C:\Users>cd..
C:\>cd C:\Program Files\MongoDB\Server\5.0\bin
C:\Program Files\MongoDB\Server\5.0\bin>mongo
MongoDB shell version v5.0.29
connecting to:
mongodb://127.0.0.1:27017/?compressors=disabled&gssapiServiceNa
me=mongodb
Implicit session: session { "id" :
UUID("b254bb29-d575-452a-9f85-3b958fd2136e") }
MongoDB server version: 5.0.29
================
Warning: the "mongo" shell has been superseded by "mongosh",
which delivers improved usability and compatibility.The "mongo" shell
has been deprecated and will be removed in
an upcoming release.
For installation instructions, see
https://docs.mongodb.com/mongodb-shell/install/
================
Welcome to the MongoDB shell.
For interactive help, type "help".
For more comprehensive documentation, see
https://docs.mongodb.com/
Questions? Try the MongoDB Developer Community Forums
https://community.mongodb.com
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The server generated these startup warnings when booting:
2024-10-20T20:34:58.777-07:00: Access control is not enabled
for the database. Read and write access to data and configuration is
unrestricted
---
> use Employee
switched to db Employee
> db.createCollection("empl")
{ "ok" : 1 }
> db.empl.insertMany([{eno:101, ename:"Chetan", address:"Vadgaon",
sal:150000}, {eno:102, ename:"Aradhya", address:"Talegaon",
sal:140000}, {eno:103, ename:"Prathamesh", address:"Akurdi",
sal:110000}, {eno:104, ename:"Adarsh", address:"Chinchwad",
sal:100000}, {eno:105, ename:"Jatin", address:"Pimpri", sal:115000}])
{
"acknowledged" : true,
"insertedIds" : [
ObjectId("6715d5f5bd2d11f6c33a0f67"),
ObjectId("6715d5f5bd2d11f6c33a0f68"),
ObjectId("6715d5f5bd2d11f6c33a0f69"),
ObjectId("6715d5f5bd2d11f6c33a0f6a"),
ObjectId("6715d5f5bd2d11f6c33a0f6b")
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]
}
> db.empl.find().pretty()
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f67"),
"eno" : 101,
"ename" : "Chetan",
"address" : "Vadgaon",
"sal" : 150000
}
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f68"),
"eno" : 102,
"ename" : "Aradhya",
"address" : "Talegaon",
"sal" : 140000
}
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f69"),
"eno" : 103,
"ename" : "Prathamesh",
"address" : "Akurdi",
"sal" : 110000
}
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f6a"),
"eno" : 104,
"ename" : "Adarsh",
"address" : "Chinchwad",
"sal" : 100000
}
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f6b"),
"eno" : 105,
"ename" : "Jatin",
"address" : "Pimpri",
"sal" : 115000
}
> db.empl.insertOne({_id:2423, eno:106, ename:"Nishant",
address:"Jalgaon", sal:520000})
{ "acknowledged" : true, "insertedId" : 2423 }
> db.empl.find().pretty()
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f67"),
"eno" : 101,
"ename" : "Chetan",
"address" : "Vadgaon",
"sal" : 150000
}
{
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"_id" : ObjectId("6715d5f5bd2d11f6c33a0f68"),
"eno" : 102,
"ename" : "Aradhya",
"address" : "Talegaon",
"sal" : 140000
}
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f69"),
"eno" : 103,
"ename" : "Prathamesh",
"address" : "Akurdi",
"sal" : 110000
}
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f6a"),
"eno" : 104,
"ename" : "Adarsh",
"address" : "Chinchwad",
"sal" : 100000
}
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f6b"),
"eno" : 105,
"ename" : "Jatin",
"address" : "Pimpri",
"sal" : 115000
}
{
"_id" : 2423,
"eno" : 106,
"ename" : "Nishant",
"address" : "Jalgaon",
"sal" : 520000
}
> db.empl.find({sal: {"$gt" : 120000}}).pretty()
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f67"),
"eno" : 101,
"ename" : "Chetan",
"address" : "Vadgaon",
"sal" : 150000
}
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f68"),
"eno" : 102,
"ename" : "Aradhya",
"address" : "Talegaon",
"sal" : 140000
}
{
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"_id" : 2423,
"eno" : 106,
"ename" : "Nishant",
"address" : "Jalgaon",
"sal" : 520000
}
> db.empl.find({sal: {"$lt" : 150000}}).pretty()
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f68"),
"eno" : 102,
"ename" : "Aradhya",
"address" : "Talegaon",
"sal" : 140000
}
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f69"),
"eno" : 103,
"ename" : "Prathamesh",
"address" : "Akurdi",
"sal" : 110000
}
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f6a"),
"eno" : 104,
"ename" : "Adarsh",
"address" : "Chinchwad",
"sal" : 100000
}
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f6b"),
"eno" : 105,
"ename" : "Jatin",
"address" : "Pimpri",
"sal" : 115000
}
> db.empl.find({sal: {"$gt" : 110000, "$lt" : 200000}}).pretty()
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f67"),
"eno" : 101,
"ename" : "Chetan",
"address" : "Vadgaon",
"sal" : 150000
}
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f68"),
"eno" : 102,
"ename" : "Aradhya",
"address" : "Talegaon",
"sal" : 140000
}
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{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f6b"),
"eno" : 105,
"ename" : "Jatin",
"address" : "Pimpri",
"sal" : 115000
}
> db.empl.updateMany({},{$mul: {sal: 1.1}})
{ "acknowledged" : true, "matchedCount" : 6, "modifiedCount" : 6 }
> db.empl.find().pretty()
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f67"),
"eno" : 101,
"ename" : "Chetan",
"address" : "Vadgaon",
"sal" : 165000
}
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f68"),
"eno" : 102,
"ename" : "Aradhya",
"address" : "Talegaon",
"sal" : 169400
}
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f69"),
"eno" : 103,
"ename" : "Prathamesh",
"address" : "Akurdi",
"sal" : 121000.00000000001
}
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f6a"),
"eno" : 104,
"ename" : "Adarsh",
"address" : "Chinchwad",
"sal" : 110000.00000000001
}
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f6b"),
"eno" : 105,
"ename" : "Jatin",
"address" : "Pimpri",
"sal" : 126500.00000000001
}
{
"_id" : 2423,
"eno" : 106,
"ename" : "Nishant",
"address" : "Jalgaon",
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"sal" : 572000
}
> db.empl.deleteOne({"sal": {"$lt" : 135000}})
{ "acknowledged" : true, "deletedCount" : 1 }
> db.empl.find().pretty()
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f67"),
"eno" : 101,
"ename" : "Chetan",
"address" : "Vadgaon",
"sal" : 165000
}
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f68"),
"eno" : 102,
"ename" : "Aradhya",
"address" : "Talegaon",
"sal" : 169400
}
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f6b"),
"eno" : 105,
"ename" : "Jatin",
"address" : "Pimpri",
"sal" : 126500.00000000001
}
{
"_id" : 2423,
"eno" : 106,
"ename" : "Nishant",
"address" : "Jalgaon",
"sal" : 572000
}
> db.empl.deleteMany({"sal": {"$lt" : 135000}})
{ "acknowledged" : true, "deletedCount" : 1 }
> db.empl.find().pretty()
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f67"),
"eno" : 101,
"ename" : "Chetan",
"address" : "Vadgaon",
"sal" : 165000
}
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f68"),
"eno" : 102,
"ename" : "Aradhya",
"address" : "Talegaon",
"sal" : 169400
}
```

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{
"_id" : 2423,
"eno" : 106,
"ename" : "Nishant",
"address" : "Jalgaon",
"sal" : 572000
}
> db.empl.renameCollection("employee1")
{ "ok" : 1 }
> db.employee1.find({ename:/^N/}).pretty();
{
"_id" : 2423,
"eno" : 106,
"ename" : "Nishant",
"address" : "Jalgaon",
"sal" : 572000
}
> db.employee1.find().sort({ename:1}).pretty()
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f68"),
"eno" : 102,
"ename" : "Aradhya",
"address" : "Talegaon",
"sal" : 169400
}
{
"_id" : ObjectId("6715d5f5bd2d11f6c33a0f67"),
"eno" : 101,
"ename" : "Chetan",
"address" : "Vadgaon",
"sal" : 165000
}
{
"_id" : 2423,
"eno" : 106,
"ename" : "Nishant",
"address" : "Jalgaon",
"sal" : 572000
}
> use Employee1
switched to db Employee1
> db.dropDatabase()
{ "ok" : 1 }
> db.empl.insertOne({eno: 107, ename:"Onkar", address:"Pune",
sal:134000})
{
"acknowledged" : true,
"insertedId" : ObjectId("6715e285e65c1a52120f882c")
}
> db.empl.drop()
```

true