

```

To enable free monitoring, run the following command: db.enableFreeMonitoring()
To permanently disable this reminder, run the following command: db.disableFreeMonitoring()

---
> show dbs
admin 0.000GB
config 0.000GB
local 0.000GB
> use VP
switched to db VP
> show dbs
admin 0.000GB
config 0.000GB
local 0.000GB
> db.createCollection("emp")
{ "ok" : 1 }
> db.emp.insert({eid:1,ename:"John"})
WriteResult({ "nInserted" : 1 })
> db.emp.insert([{eid:102,dept:"IT"},{eid:103,ename:"sunil",{dept:"CS",sal:70000}}])
BulkWriteResult({
  "writeErrors" : [ ],
  "writeConcernErrors" : [ ],
  "nInserted" : 3,
  "nUpserted" : 0,
  "nMatched" : 0,
  "nModified" : 0,
  "nRemoved" : 0,
  "upserted" : [ ]
})
> db.emo.find()
> db.emp.find()
{ "_id" : ObjectId("634ebf96ad1a5aa580fd0300"), "eid" : 1, "ename" : "John" }
{ "_id" : ObjectId("634ebfb0ad1a5aa580fd0301"), "eid" : 102, "dept" : "IT" }
{ "_id" : ObjectId("634ebfb0ad1a5aa580fd0302"), "eid" : 103, "ename" : "sunil" }
{ "_id" : ObjectId("634ebfb0ad1a5aa580fd0303"), "dept" : "CS", "sal" : 70000 }
> db.emp.find().pretty()
{
  "_id" : ObjectId("634ebf96ad1a5aa580fd0300"),
  "eid" : 1,
  "ename" : "John"
}
{
  "_id" : ObjectId("634ebfb0ad1a5aa580fd0301"), "eid" : 102, "dept" : "IT" }
{
  " _id" : ObjectId("634ebfb0ad1a5aa580fd0302"),
  "eid" : 103,
  "ename" : "sunil"
}
{
  " _id" : ObjectId("634ebfb0ad1a5aa580fd0303"),
  "dept" : "CS",
  "sal" : 70000
}
> db.emp.findOne()
uncaught exception: TypeError: db.emp.findOne is not a function :
@ (shell):1:1
> db.emp.findOne()

```

```

    "_id" : ObjectId("634ebf96ad1a5aa580fd0300"),
    "eid" : 1,
    "ename" : "John"
  }
}

{
  "_id" : ObjectId("634ebfbfhead1a5aa580fd0301"), "eid" : 102, "dept" : "IT" }

  " _id" : ObjectId("634ebfbfhead1a5aa580fd0302"),
  "eid" : 103,
  "ename" : "sunil"
}

{
  " _id" : ObjectId("634ebfbfhead1a5aa580fd0303"),
  "dept" : "CS",
  "sal" : 70000
}
}

> db.emp.findndOne()
uncaught exception: TypeError: db.emp.findndOne is not a function :
@($shell):1:1
> db.emp.findOne()
{
  "_id" : ObjectId("634ebf96ad1a5aa580fd0300"),
  "eid" : 1,
  "ename" : "John"
}
}

> db.emp.find().limit(3)
{
  "_id" : ObjectId("634ebf96ad1a5aa580fd0300"), "eid" : 1, "ename" : "John" }
{
  "_id" : ObjectId("634ebfbfhead1a5aa580fd0301"), "eid" : 102, "dept" : "IT" }
{
  "_id" : ObjectId("634ebfbfhead1a5aa580fd0302"), "eid" : 103, "ename" : "sunil" }
}
> db.emp.find().sort({sal:-1})
{
  "_id" : ObjectId("634ebfbfhead1a5aa580fd0303"), "dept" : "CS", "sal" : 70000 }
{
  "_id" : ObjectId("634ebf96ad1a5aa580fd0300"), "eid" : 1, "ename" : "John" }
{
  "_id" : ObjectId("634ebfbfhead1a5aa580fd0301"), "eid" : 102, "dept" : "IT" }
{
  "_id" : ObjectId("634ebfbfhead1a5aa580fd0302"), "eid" : 103, "ename" : "sunil" }
}
> db.emp.count()
4
}

> db.emp.find({dept:"CS"})
{
  "_id" : ObjectId("634ebfbfhead1a5aa580fd0303"), "dept" : "CS", "sal" : 70000 }
}
> db.emp.find({dept:{ $ne:"nean" }})
{
  "_id" : ObjectId("634ebf96ad1a5aa580fd0300"), "eid" : 1, "ename" : "John" }
{
  "_id" : ObjectId("634ebfbfhead1a5aa580fd0301"), "eid" : 102, "dept" : "IT" }
{
  "_id" : ObjectId("634ebfbfhead1a5aa580fd0302"), "eid" : 103, "ename" : "sunil" }
{
  "_id" : ObjectId("634ebfbfhead1a5aa580fd0303"), "dept" : "CS", "sal" : 70000 }
}
> db.emp.update({{ename:"Vratar"},{$set:sal:100000},{mutli:true}})
uncaught exception: SyntaxError: missing } after property list :
@($shell):1:40
> db.emp.update({{ename:"John"},{$set:sal:100000},{mutli:true}})
uncaught exception: SyntaxError: missing } after property list :
@($shell):1:39
> db.emp.update({{ename:"John"},{$set:{sal":100000}}, {mutli:true}})
uncaught exception: Error: need an update object or pipeline :
DBCollection.prototype._parseUpdate@src/mongo/shell/collection.js:461:15
DBCollection.prototype.update@src/mongo/shell/collection.js:510:18
@($shell):1:1
> db.emp.update({{ename:"John"},{$set:{sal":100000}}, {mutli:true}})
uncaught exception: Error: need an update object or pipeline :
```

```
switched to db aids
> db.createCollection("book")
{ "ok" : 1 }
> db.book.insert({bid:1,title:"let us c",author:"yashwantk",publisher:"schand",price=250,qty=14})
uncaught exception: SyntaxError: missing : after property id :
@ (shell):1:82
> db.book.insert({bid:1,title:"let us c",author:"yashwantk",publisher:"schand",price=250,qty:14})
WriteResult({ "nInserted" : 1 })
> show dbs
VP
[1]+  Stopped                  mongo
yash@yash-IdeaPad-Gaming-3-15IMH05:~$ mongo
MongoDB shell version v5.0.13
connecting to: mongodb://127.0.0.1:27017/?compressors=disabled&gssapiServiceName=mongodb
Implicit session: session { "id" : UUID("a65e784d-e60f-4d26-bec8-398dbd151ba2") }
MongoDB server version: 5.0.13
=====
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/
=====
---
The server generated these startup warnings when booting:
  2022-10-18T18:40:19.018+05:30: Using the XFS filesystem is strongly recommended with the WiredTiger storage engine. See http://dochub.mongodb.org/core/prodnotes-filesystem
  2022-10-18T18:40:19.548+05:30: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted
---
  Enable MongoDB's free cloud-based monitoring service, which will then receive and display
  metrics about your deployment (disk utilization, CPU, operation statistics, etc).

  The monitoring data will be available on a MongoDB website with a unique URL accessible to you
  and anyone you share the URL with. MongoDB may use this information to make product
  improvements and to suggest MongoDB products and deployment options to you.

  To enable free monitoring, run the following command: db.enableFreeMonitoring()
  To permanently disable this reminder, run the following command: db.disableFreeMonitoring()
---
> use aids
switched to db aids
> db.createCollection("book")
{
  "ok" : 0,
  "errmsg" : "Collection already exists. NS: aids.book",
  "code" : 48,
  "codeName" : "NamespaceExists"
}
> db.book.insert({bid:2,title:"AI-Thinking",author:"jimmy",publisher:"wiley",price=1500,qty:5})
WriteResult({ "nInserted" : 1 })
> db.book.insert({bid:3,title:"python-tutorial",author:"kanlesh",publisher:"technax",price=412,qty:45})
WriteResult({ "nInserted" : 1 })
> db.book.insert({bid:4,title:"java",author:"laxnan",publisher:"techneo",price=200,qty:78})
WriteResult({ "nInserted" : 1 })
> db.book.insert({bid:5,title:"IELTS-PREP",author:"Jenna",publisher:"oxford",price=1200,qty:40})
WriteResult({ "nInserted" : 1 })
```

```
> db.book.insert({bid:5,title:"IELTS-PREP",author:"Jenna",publisher:"oxford",price:1200,qty:40})
WriteResult({ "nInserted" : 1 })
> db.book.insert({bid:6,title:"java-advanced",author:"sinha",publisher:"technax",price:400,qty:17})
WriteResult({ "nInserted" : 1 })
> db.book.insert({bid:7,title:"AJAX-Tutorial",author:"yashwantk",publisher:"nch",price:340,qty:37})
WriteResult({ "nInserted" : 1 })
> db.book.insert({bid:8,title:"Design approach",author:"sinha",publisher:"wiley",price:340,qty:37})
WriteResult({ "nInserted" : 1 })
> db.book.find()
{ "_id" : ObjectId("634ec88e7e9b53123d6233cb"), "bid" : 1, "title" : "let us c", "author" : "yashwantk", "publisher" : "schand", "price" : 250, "qty" : 14 }
{ "_id" : ObjectId("634eca52d04f9e97f4c8f9a0"), "bid" : 2, "title" : "AI-Thinking", "author" : "jimmy", "publisher" : "wiley", "price" : 1500, "qty" : 5 }
{ "_id" : ObjectId("634ecab1d04f9e97f4c8f9a1"), "bid" : 3, "title" : "python-tutorial", "author" : "kanlesh", "publisher" : "technax", "price" : 412, "qty" : 45 }
{ "_id" : ObjectId("634ecb03d04f9e97f4c8f9a2"), "bid" : 4, "title" : "java", "author" : "laxman", "publisher" : "techno", "price" : 200, "qty" : 78 }
{ "_id" : ObjectId("634ecb8cd04f9e97f4c8f9a3"), "bid" : 5, "title" : "IELTS-PREP", "author" : "Jenna", "publisher" : "oxford", "price" : 1200, "qty" : 40 }
{ "_id" : ObjectId("634ecbbfd04f9e97f4c8f9a4"), "bid" : 6, "title" : "java-advanced", "author" : "sinha", "publisher" : "technax", "price" : 400, "qty" : 17 }
{ "_id" : ObjectId("634ecc07d04f9e97f4c8f9a5"), "bid" : 7, "title" : "AJAX-Tutorial", "author" : "yashwantk", "publisher" : "nch", "price" : 340, "qty" : 37 }
{ "_id" : ObjectId("634eccbbd04f9e97f4c8f9a6"), "bid" : 8, "title" : "Design approach", "author" : "sinha", "publisher" : "wiley", "price" : 340, "qty" : 37 }
> db.book.find().pretty()
{
  "_id" : ObjectId("634ec88e7e9b53123d6233cb"),
  "bid" : 1,
  "title" : "let us c",
  "author" : "yashwantk",
  "publisher" : "schand",
  "price" : 250,
  "qty" : 14
}
{
  "_id" : ObjectId("634eca52d04f9e97f4c8f9a0"),
  "bid" : 2,
  "title" : "AI-Thinking",
  "author" : "jimmy",
  "publisher" : "wiley",
  "price" : 1500,
  "qty" : 5
}
{
  "_id" : ObjectId("634ecab1d04f9e97f4c8f9a1"),
  "bid" : 3,
  "title" : "python-tutorial",
  "author" : "kanlesh",
  "publisher" : "technax",
  "price" : 412,
  "qty" : 45
}
{
  "_id" : ObjectId("634ecb03d04f9e97f4c8f9a2"),
  "bid" : 4,
  "title" : "java",
  "author" : "laxman",
  "publisher" : "techno",
  "price" : 200,
  "qty" : 78
}
{
  "_id" : ObjectId("634ecb8cd04f9e97f4c8f9a3")
```

```
{
  "id" : ObjectId("634ecab1d04fbe97f4c8f9a1"),
  "bid" : 3,
  "title" : "python-tutorial",
  "author" : "kamlesh",
  "publisher" : "technax",
  "price" : 412,
  "qty" : 45
}
{
  "id" : ObjectId("634ecb03d04fbe97f4c8f9a2"),
  "bid" : 4,
  "title" : "java",
  "author" : "laxman",
  "publisher" : "techno",
  "price" : 200,
  "qty" : 78
}
{
  "id" : ObjectId("634ecb8cd04fbe97f4c8f9a3"),
  "bid" : 5,
  "title" : "IELTS-PREP",
  "author" : "Jenna",
  "publisher" : "oxford",
  "price" : 1200,
  "qty" : 40
}
{
  "id" : ObjectId("634ecbbfd04fbe97f4c8f9a4"),
  "bid" : 6,
  "title" : "java-advanced",
  "author" : "sinha",
  "publisher" : "technax",
  "price" : 400,
  "qty" : 17
}
{
  "id" : ObjectId("634ecc07d04fbe97f4c8f9a5"),
  "bid" : 7,
  "title" : "AJAX-Tutorial",
  "author" : "yashwantk",
  "publisher" : "mch",
  "price" : 340,
  "qty" : 37
}
{
  "id" : ObjectId("634eccbbd04fbe97f4c8f9a6"),
  "bid" : 8,
  "title" : "Design approach",
  "author" : "sinha",
  "publisher" : "wiley",
  "price" : 340,
  "qty" : 37
}
>
```

```
"price" : 340,
"qty" : 37
}
> db.book.find(publisher:"wiley")
uncaught exception: SyntaxError: missing ) after argument list :
@shell:1:22
> db.book.find({publisher:"wiley"})
{ "_id" : ObjectId("634eca52d04f8e97f4c8f9a0"), "bid" : 2, "title" : "AI-Thinking", "author" : "jimmy", "publisher" : "wiley", "price" : 1500, "qty" : 5 }
{ "_id" : ObjectId("634eccbbd04f8e97f4c8f9a6"), "bid" : 8, "title" : "Design approach", "author" : "sinha", "publisher" : "wiley", "price" : 340, "qty" : 37 }
> db.book.find({publisher:"wiley"}).pretty()
{
  "_id" : ObjectId("634eca52d04f8e97f4c8f9a0"),
  "bid" : 2,
  "title" : "AI-Thinking",
  "author" : "jimmy",
  "publisher" : "wiley",
  "price" : 1500,
  "qty" : 5
}
{
  "_id" : ObjectId("634eccbbd04f8e97f4c8f9a6"),
  "bid" : 8,
  "title" : "Design approach",
  "author" : "sinha",
  "publisher" : "wiley",
  "price" : 340,
  "qty" : 37
}
> db.book.find({publisher:{$ne:"technax"}}).sort({price:1})
{ "_id" : ObjectId("634ecb03d04f8e97f4c8f9a2"), "bid" : 4, "title" : "java", "author" : "laxman", "publisher" : "techneo", "price" : 200, "qty" : 78 }
{ "_id" : ObjectId("634ec88e7e9b53123d6233cb"), "bid" : 1, "title" : "let us c", "author" : "yashwantk", "publisher" : "schand", "price" : 250, "qty" : 14 }
{ "_id" : ObjectId("634ecc07d04f8e97f4c8f9a5"), "bid" : 7, "title" : "AJAX-Tutorial", "author" : "yashwantk", "publisher" : "mch", "price" : 340, "qty" : 37 }
{ "_id" : ObjectId("634eccbbd04f8e97f4c8f9a6"), "bid" : 8, "title" : "Design approach", "author" : "sinha", "publisher" : "wiley", "price" : 340, "qty" : 37 }
{ "_id" : ObjectId("634ecb8cd04f8e97f4c8f9a3"), "bid" : 5, "title" : "IELTS-PREP", "author" : "Jenna", "publisher" : "oxford", "price" : 1200, "qty" : 40 }
{ "_id" : ObjectId("634eca52d04f8e97f4c8f9a0"), "bid" : 2, "title" : "AI-Thinking", "author" : "jimmy", "publisher" : "wiley", "price" : 1500, "qty" : 5 }
> db.book.find({publisher:{$ne:"technax"}}).sort({price:1}).pretty()
{
  "_id" : ObjectId("634ecb03d04f8e97f4c8f9a2"),
  "bid" : 4,
  "title" : "java",
  "author" : "laxman",
  "publisher" : "techneo",
  "price" : 200,
  "qty" : 78
}
{
  "_id" : ObjectId("634ec88e7e9b53123d6233cb"),
  "bid" : 1,
  "title" : "let us c",
  "author" : "yashwantk",
  "publisher" : "schand",
  "price" : 250,
  "qty" : 14
}
{
  "_id" : ObjectId("634ecc07d04f8e97f4c8f9a5")
}
```

```
"title" : "Design approach",
"author" : "sinha",
"publisher" : "wiley",
"price" : 340,
"qty" : 37
}
{
  "_id" : ObjectId("634ecb8cd04fbe97f4c8f9a3"),
  "bid" : 5,
  "title" : "IELTS-PREP",
  "author" : "Jenna",
  "publisher" : "oxford",
  "price" : 1200,
  "qty" : 40
}
{
  "_id" : ObjectId("634eca52d04fbe97f4c8f9a0"),
  "bid" : 2,
  "title" : "AI-Thinking",
  "author" : "Jimmy",
  "publisher" : "wiley",
  "price" : 1500,
  "qty" : 5
}
> db.book.find({$or:[{author:"yashwantk"},{author:"sinha"}]})
{ "_id" : ObjectId("634ec88e7e9b53123d6233cb"), "bid" : 1, "title" : "let us c", "author" : "yashwantk", "publisher" : "schand", "price" : 250, "qty" : 14 }
{ "_id" : ObjectId("634ecbbfd04fbe97f4c8f9a4"), "bid" : 6, "title" : "java-advanced", "author" : "sinha", "publisher" : "technax", "price" : 400, "qty" : 17 }
{ "_id" : ObjectId("634ecc07d04fbe97f4c8f9a5"), "bid" : 7, "title" : "AJAX-Tutorial", "author" : "yashwantk", "publisher" : "mch", "price" : 340, "qty" : 37 }
{ "_id" : ObjectId("634eccbbd04fbe97f4c8f9a6"), "bid" : 8, "title" : "Design approach", "author" : "sinha", "publisher" : "wiley", "price" : 340, "qty" : 37 }
> db.book.find({$or:[{author:"yashwantk"},{author:"sinha"}]}).pretty()
{
  "_id" : ObjectId("634ec88e7e9b53123d6233cb"),
  "bid" : 1,
  "title" : "let us c",
  "author" : "yashwantk",
  "publisher" : "schand",
  "price" : 250,
  "qty" : 14
}
{
  "_id" : ObjectId("634ecbbfd04fbe97f4c8f9a4"),
  "bid" : 6,
  "title" : "java-advanced",
  "author" : "sinha",
  "publisher" : "technax",
  "price" : 400,
  "qty" : 17
}
{
  "_id" : ObjectId("634ecc07d04fbe97f4c8f9a5"),
  "bid" : 7,
  "title" : "AJAX-Tutorial",
  "author" : "yashwantk",
  "publisher" : "mch",
  "price" : 340,
  "qty" : 37
}
```

```
> db.book.find({author:"sinha"}).count()
2
> db.book.find({title},{price}).pretty()
uncaught exception: ReferenceError: title is not defined :
@shell):1:15
> db.book.find({}, 'title', 'price')
{
  "_id" : ObjectId("634ec88e7e9b53123d6233cb"), "bid" : 1, "title" : "let us c", "author" : "yashwantk", "publisher" : "schand", "price" : 250, "qty" : 14 }
{
  "_id" : ObjectId("634eca52d04f9be97f4c8f9a0"), "bid" : 2, "title" : "AI-Thinking", "author" : "jimmy", "publisher" : "wiley", "price" : 1500, "qty" : 5 }
{
  "_id" : ObjectId("634ecab1d04f9be97f4c8f9a1"), "bid" : 3, "title" : "python-tutorial", "author" : "kanlesh", "publisher" : "technmax", "price" : 412, "qty" : 45 }
{
  "_id" : ObjectId("634ecb03d04f9be97f4c8f9a2"), "bid" : 4, "title" : "java", "author" : "laxman", "publisher" : "techneo", "price" : 200, "qty" : 78 }
{
  "_id" : ObjectId("634ecb8cd04f9be97f4c8f9a3"), "bid" : 5, "title" : "IELTS-PREP", "author" : "Jenna", "publisher" : "oxford", "price" : 1200, "qty" : 40 }
{
  "_id" : ObjectId("634ecbbfd04f9be97f4c8f9a4"), "bid" : 6, "title" : "java-advanced", "author" : "sinha", "publisher" : "technmax", "price" : 400, "qty" : 17 }
{
  "_id" : ObjectId("634ecc07d04f9be97f4c8f9a5"), "bid" : 7, "title" : "AJAX-Tutorial", "author" : "yashwantk", "publisher" : "mch", "price" : 340, "qty" : 37 }
{
  "_id" : ObjectId("634eccbbd04f9be97f4c8f9a6"), "bid" : 8, "title" : "Design approach", "author" : "sinha", "publisher" : "wiley", "price" : 340, "qty" : 37 }
> db.book.find({}, 'title', 'price').pretty()
{
  "_id" : ObjectId("634ec88e7e9b53123d6233cb"),
  "bid" : 1,
  "title" : "let us c",
  "author" : "yashwantk",
  "publisher" : "schand",
  "price" : 250,
  "qty" : 14
}
{
  "_id" : ObjectId("634eca52d04f9be97f4c8f9a0"),
  "bid" : 2,
  "title" : "AI-Thinking",
  "author" : "jimmy",
  "publisher" : "wiley",
  "price" : 1500,
  "qty" : 5
}
{
  "_id" : ObjectId("634ecab1d04f9be97f4c8f9a1"),
  "bid" : 3,
  "title" : "python-tutorial",
  "author" : "kanlesh",
  "publisher" : "technmax",
  "price" : 412,
  "qty" : 45
}
{
  "_id" : ObjectId("634ecb03d04f9be97f4c8f9a2"),
  "bid" : 4,
  "title" : "java",
  "author" : "laxman",
  "publisher" : "techneo",
  "price" : 200,
  "qty" : 78
}
{
  "_id" : ObjectId("634ecb8cd04f9be97f4c8f9a3"),
  "bid" : 5,
  "title" : "IELTS-PREP"
}
```



```
}
{
  "id" : ObjectId("634ecbbfd04fbe97f4c8f9a4"),
  "bid" : 6,
  "title" : "java-advanced",
  "author" : "sinha",
  "publisher" : "technax",
  "price" : 400,
  "qty" : 17
}
{
  "id" : ObjectId("634ecc07d04fbe97f4c8f9a5"),
  "bid" : 7,
  "title" : "AJAX-Tutorial",
  "author" : "yashwantk",
  "publisher" : "mch",
  "price" : 340,
  "qty" : 37
}
{
  "id" : ObjectId("634eccbbd04fbe97f4c8f9a6"),
  "bid" : 8,
  "title" : "Design approach",
  "author" : "sinha",
  "publisher" : "wiley",
  "price" : 340,
  "qty" : 37
}
> db.book.find({}).select('title','price').pretty()
uncaught exception: TypeError: db.book.find(...).select is not a function :
@(shell):1:1
> db.book.find({publisher:"wiley"},{price:{$ls:1000}})
Error: error: {
  "ok" : 0,
  "errmsg" : "Unknown expression $ls",
  "code" : 31325,
  "codeName" : "Location31325"
}
> db.book.find({price:{$ls:1000}}).pretty()
Error: error: {
  "ok" : 0,
  "errmsg" : "unknown operator: $ls",
  "code" : 2,
  "codeName" : "BadValue"
}
> db.book.find({price:{$lt:1000}}).pretty()
{
  "id" : ObjectId("634ec88e7e9b53123d6233cb"),
  "bid" : 1,
  "title" : "let us c",
  "author" : "yashwantk",
  "publisher" : "schand",
  "price" : 250,
  "qty" : 14
}
```

Screenshot captured
You can paste the image from the clipboard.

```
"publisher" : "technax",
"price" : 412,
"qty" : 45
}
{
  "_id" : ObjectId("634ecb03d04fbe97f4c8f9a2"),
  "bid" : 4,
  "title" : "java",
  "author" : "laxman",
  "publisher" : "techno",
  "price" : 200,
  "qty" : 78
}
{
  "_id" : ObjectId("634ecbbfd04fbe97f4c8f9a4"),
  "bid" : 6,
  "title" : "java-advanced",
  "author" : "sinha",
  "publisher" : "technax",
  "price" : 400,
  "qty" : 17
}
{
  "_id" : ObjectId("634ecc07d04fbe97f4c8f9a5"),
  "bid" : 7,
  "title" : "AJAX-Tutorial",
  "author" : "yashwantk",
  "publisher" : "mch",
  "price" : 340,
  "qty" : 37
}
{
  "_id" : ObjectId("634eccbbd04fbe97f4c8f9a6"),
  "bid" : 8,
  "title" : "Design approach",
  "author" : "sinha",
  "publisher" : "wiley",
  "price" : 340,
  "qty" : 37
}
> db.book.find({publisher:"wiley"},{price:{<:1000}})
Error: error: {
  "ok" : 0,
  "errmsg" : "Expression $lt takes exactly 2 arguments. 1 were passed in.",
  "code" : 16020,
  "codeName" : "Location16020"
}
> db.book.find().skip(2).limit(4).pretty()
{
  "_id" : ObjectId("634ecab1d04fbe97f4c8f9a1"),
  "bid" : 3,
  "title" : "python-tutorial",
  "author" : "kamlesh",
  "publisher" : "technax",
  "price" : 412,
  "qty" : 45
}
```

```

"ok" : 0,
"errmsg" : "Expression $lt takes exactly 2 arguments. 1 were passed in.",
"code" : 16020,
"codeName" : "Location16020"
}
> db.book.find().skip(2).limit(4).pretty()
{
  "_id" : ObjectId("634ecab1d04fbe97f4c8f9a1"),
  "bid" : 3,
  "title" : "python-tutorial",
  "author" : "kamlesh",
  "publisher" : "technax",
  "price" : 412,
  "qty" : 45
}
{
  "_id" : ObjectId("634ecb03d04fbe97f4c8f9a2"),
  "bid" : 4,
  "title" : "java",
  "author" : "laxman",
  "publisher" : "techno",
  "price" : 200,
  "qty" : 78
}
{
  "_id" : ObjectId("634ecb8cd04fbe97f4c8f9a3"),
  "bid" : 5,
  "title" : "IELTS-PREP",
  "author" : "Jenna",
  "publisher" : "oxford",
  "price" : 1200,
  "qty" : 40
}
{
  "_id" : ObjectId("634ecbbfd04fbe97f4c8f9a4"),
  "bid" : 6,
  "title" : "java-advanced",
  "author" : "slnha",
  "publisher" : "technax",
  "price" : 400,
  "qty" : 17
}
> db.book.find({qty:{$lt:10}})
{ "_id" : ObjectId("634eca52d04fbe97f4c8f9a0"), "bid" : 2, "title" : "AI-Thinking", "author" : "jimmy", "publisher" : "wiley", "price" : 1500, "qty" : 5 }
> db.book.find({qty:{$lt:10}}).pretty()
{
  "_id" : ObjectId("634eca52d04fbe97f4c8f9a0"),
  "bid" : 2,
  "title" : "AI-Thinking",
  "author" : "jimmy",
  "publisher" : "wiley",
  "price" : 1500,
  "qty" : 5
}
>

```

Screenshot captured
You can paste the image from the clipboard.