

Mongodb

```
C:\Windows\System32\cmd.exe - mongo
> show dbs;
admin 0.000GB
config 0.000GB
local 0.000GB
> use customerdb;
switched to db customerdb
> db
customerdb
> db.createUser(
... {user: "smriti",
... pwd: "1234",
... roles: ["readWrite","dbAdmin"]})
Successfully added user: { "user": "smriti", "roles": [ "readWrite", "dbAdmin" ] }
> db.createCollection("customer");
{ "ok" : 1 }
> db.customer.insert({first_name:"smriti",last_name:"bhagat"});
WriteResult({ "nInserted" : 1 })
> db.customer.insert({first_name:"prerna",last_name:"sharma"});
WriteResult({ "nInserted" : 1 })
> db.customer.find();
{ "_id" : ObjectId("6142e3aeb8d373abf927947d"), "first_name" : "smriti", "last_name" : "bhagat" }
{ "_id" : ObjectId("6142e415b8d373abf927947e"), "first_name" : "prerna", "last_name" : "sharma" }
> db.customer.find().pretty();
{
  "_id" : ObjectId("6142e3aeb8d373abf927947d"),
  "first_name" : "smriti",
  "last_name" : "bhagat"
}
{
  "_id" : ObjectId("6142e415b8d373abf927947e"),
  "first_name" : "prerna",
  "last_name" : "sharma"
}
>
```

```
}
```

```
> db.customer.insert([{"first_name":"dilip",last_name:"Rao"}, {"first_name":"sourav",last_name:"Ganguly"}]);
BulkWriteResult({
  "writeErrors" : [ ],
  "writeConcernErrors" : [ ],
  "nInserted" : 2,
  "nUpserted" : 0,
  "nMatched" : 0,
  "nModified" : 0,
  "nRemoved" : 0,
  "upserted" : [ ]
})
> db.customer.find().pretty();
{
  "_id" : ObjectId("6142e3aeb8d373abf927947d"),
  "first_name" : "smriti",
  "last_name" : "bhagat"
}
{
  "_id" : ObjectId("6142e415b8d373abf927947e"),
  "first_name" : "prerna",
  "last_name" : "sharma"
}
{
  "_id" : ObjectId("6142e68fb8d373abf927947f"),
  "first_name" : "dilip",
  "last_name" : "Rao"
}
{
  "_id" : ObjectId("6142e68fb8d373abf9279480"),
  "first_name" : "sourav",
  "last_name" : "Ganguly"
}
>
```

```
Microsoft Windows [Version 10.0.19041]
Windows PowerShell - Microsoft Edge Dev [Windows Terminal]
C:\Users\DELL\Documents\GitHub\NodeJS-Project\bulk寫入\mongodump> BulkWriteResult([
    "writeErrors" : [ ],
    "writeConcernErrors" : [ ],
    "nInserted" : 2,
    "nUpserted" : 0,
    "nMatched" : 0,
    "nModified" : 0,
    "nRemoved" : 0,
    "upserted" : [ ]
})
> db.customer.find().pretty();
{
    "_id" : ObjectId("6142e3aeb8d373abf927947d"),
    "first_name" : "Smriti",
    "last_name" : "bhagat"
}
{
    "_id" : ObjectId("6142e415b8d373abf927947e"),
    "first_name" : "prerna",
    "last_name" : "sharma"
}
{
    "_id" : ObjectId("6142e68fb8d373abf927947f"),
    "first_name" : "dilip",
    "last_name" : "Rao"
}
{
    "_id" : ObjectId("6142e68fb8d373abf9279480"),
    "first_name" : "sourav",
    "last_name" : "Ganguly"
}
> show collections
customer
>
```

```
C:\Windows\System32\cmd.exe - mongo
> db.customer.find();
{ "_id" : ObjectId("6142e3aeb8d373abf927947d"), "first_name" : "smriti", "last_name" : "bhagat", "gender" : "female" }
{ "_id" : ObjectId("6142e415b8d373abf927947e"), "first_name" : "prerna", "last_name" : "sharma", "gender" : "male", "age" : 22 }
{ "_id" : ObjectId("6142e68fb8d373abf927947f"), "first_name" : "dilip", "last_name" : "Rao" }
{ "_id" : ObjectId("6142e68fb8d373abf9279480"), "first_name" : "sourav", "last_name" : "Ganguly" }
{ "_id" : ObjectId("6142ed28b8d373abf9279481"), "first_name" : "usama", "last_name" : "sukri", "gender" : "male" }
{ "_id" : ObjectId("6142ed28b8d373abf9279482"), "first_name" : "ms", "last_name" : "dhoni", "gender" : "male" }
{ "_id" : ObjectId("6142ee1ab8d373abf9279484"), "first_name" : "usama", "last_name" : "sukri", "gender" : "male" }
{ "_id" : ObjectId("6142ee1ab8d373abf9279485"), "first_name" : "ms", "last_name" : "dhoni", "gender" : "male" }
> db.customer.update({first_name:"dilip"},{$inc:{age:5}});
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.customer.find();
{ "_id" : ObjectId("6142e3aeb8d373abf927947d"), "first_name" : "smriti", "last_name" : "bhagat", "gender" : "female" }
{ "_id" : ObjectId("6142e415b8d373abf927947e"), "first_name" : "prerna", "last_name" : "sharma", "gender" : "male", "age" : 22 }
{ "_id" : ObjectId("6142e68fb8d373abf927947f"), "first_name" : "dilip", "last_name" : "Rao", "age" : 5 }
{ "_id" : ObjectId("6142e68fb8d373abf9279480"), "first_name" : "sourav", "last_name" : "Ganguly" }
{ "_id" : ObjectId("6142ed28b8d373abf9279482"), "first_name" : "usama", "last_name" : "sukri", "gender" : "male" }
{ "_id" : ObjectId("6142ed28b8d373abf9279483"), "first_name" : "ms", "last_name" : "dhoni", "gender" : "male" }
{ "_id" : ObjectId("6142ee1ab8d373abf9279484"), "first_name" : "usama", "last_name" : "sukri", "gender" : "male" }
{ "_id" : ObjectId("6142ee1ab8d373abf9279485"), "first_name" : "ms", "last_name" : "dhoni", "gender" : "male" }
> db.customer.update({first_name:"dilip"},{$unset:{age:1}});
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.customer.find();
{ "_id" : ObjectId("6142e3aeb8d373abf927947d"), "first_name" : "smriti", "last_name" : "bhagat", "gender" : "female" }
{ "_id" : ObjectId("6142e415b8d373abf927947e"), "first_name" : "prerna", "last_name" : "sharma", "gender" : "male", "age" : 22 }
{ "_id" : ObjectId("6142e68fb8d373abf927947f"), "first_name" : "dilip", "last_name" : "Rao" }
{ "_id" : ObjectId("6142e68fb8d373abf9279480"), "first_name" : "sourav", "last_name" : "Ganguly" }
{ "_id" : ObjectId("6142ed28b8d373abf9279482"), "first_name" : "usama", "last_name" : "sukri", "gender" : "male" }
{ "_id" : ObjectId("6142ed28b8d373abf9279483"), "first_name" : "ms", "last_name" : "dhoni", "gender" : "male" }
{ "_id" : ObjectId("6142ee1ab8d373abf9279484"), "first_name" : "usama", "last_name" : "sukri", "gender" : "male" }
{ "_id" : ObjectId("6142ee1ab8d373abf9279485"), "first_name" : "ms", "last_name" : "dhoni", "gender" : "male" }
> =
```

```
C:\Windows\System32\cmd.exe - mongo
...
> db.customer.update({first_name:"shiv"},{first_name:"shiv",last_name:"reddy",gender:"male"});
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })
> db.customer.update({first_name:"shiv"},{first_name:"shiv",last_name:"reddy",gender:"male"},{upsert:true});
WriteResult({
  "nMatched" : 0,
  "nUpserted" : 1,
  "nModified" : 0,
  "_id" : ObjectId("6142f4a6cea3c064963891d1")
})
> db.customer.find();
{ "_id" : ObjectId("6142e3aeb8d373abf927947d"), "first_name" : "smriti", "last_name" : "bhagat", "gender" : "female" }
{ "_id" : ObjectId("6142e415b8d373abf927947e"), "first_name" : "prerna", "last_name" : "sharma", "gender" : "male", "age" : 22 }
{ "_id" : ObjectId("6142e68fb8d373abf9279480"), "first_name" : "dilip", "last_name" : "Rao" }
{ "_id" : ObjectId("6142e68fb8d373abf9279481"), "first_name" : "sourav", "last_name" : "Ganguly" }
{ "_id" : ObjectId("6142ed28b8d373abf9279482"), "first_name" : "usama", "last_name" : "sukri", "gender" : "male" }
{ "_id" : ObjectId("6142ed28b8d373abf9279483"), "first_name" : "ms", "last_name" : "dhoni", "gender" : "male" }
{ "_id" : ObjectId("6142ee1ab8d373abf9279484"), "first_name" : "usama", "last_name" : "sukri", "gender" : "male" }
{ "_id" : ObjectId("6142ee1ab8d373abf9279485"), "first_name" : "ms", "last_name" : "dhoni", "gender" : "male" }
> db.customer.update({first_name:"smriti"},{$rename:{gender:"sex"}});
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.customer.find();
{ "_id" : ObjectId("6142e3aeb8d373abf927947d"), "first_name" : "smriti", "last_name" : "bhagat", "sex" : "female" }
{ "_id" : ObjectId("6142e415b8d373abf927947e"), "first_name" : "prerna", "last_name" : "sharma", "gender" : "male", "age" : 22 }
{ "_id" : ObjectId("6142e68fb8d373abf927947f"), "first_name" : "dilip", "last_name" : "Rao" }
{ "_id" : ObjectId("6142e68fb8d373abf9279480"), "first_name" : "sourav", "last_name" : "Ganguly" }
{ "_id" : ObjectId("6142ed28b8d373abf9279481"), "first_name" : "usama", "last_name" : "sukri", "gender" : "male" }
{ "_id" : ObjectId("6142ed28b8d373abf9279482"), "first_name" : "ms", "last_name" : "dhoni", "gender" : "male" }
{ "_id" : ObjectId("6142ee1ab8d373abf9279483"), "first_name" : "usama", "last_name" : "sukri", "gender" : "male" }
{ "_id" : ObjectId("6142ee1ab8d373abf9279484"), "first_name" : "ms", "last_name" : "dhoni", "gender" : "male" }
{ "_id" : ObjectId("6142f4a6cea3c064963891d1"), "first_name" : "shiv", "last_name" : "reddy", "gender" : "male" }
> =
```

```
C:\Windows\System32\cmd.exe - mongo
> show dbs;
admin          0.000GB
config         0.000GB
customerdb     0.000GB
local          0.000GB
> use customerdb;
switched to db customerdb
> db.customer.find();
{
  "_id" : ObjectId("6142e3aeb8d373abf927947d"),
  "first_name" : "smriti",
  "last_name" : "bhagat",
  "sex" : "female"
}
{
  "_id" : ObjectId("6142e415b8d373abf927947e"),
  "first_name" : "preerna",
  "last_name" : "sharma",
  "gender" : "male",
  "age" : 22
}
{
  "_id" : ObjectId("6142e68fb8d373abf927947f"),
  "first_name" : "dilip",
  "last_name" : "Rao"
}
{
  "_id" : ObjectId("6142e68fb8d373abf9279480"),
  "first_name" : "sourav",
  "last_name" : "Ganguly"
}
{
  "_id" : ObjectId("6142ed28b8d373abf9279482"),
  "first_name" : "ms",
  "last_name" : "dhoni",
  "gender" : "male"
}
{
  "_id" : ObjectId("6142ee1ab8d373abf9279483"),
  "first_name" : "usama",
  "last_name" : "sukri",
  "gender" : "male"
}
{
  "_id" : ObjectId("6142ee1ab8d373abf9279484"),
  "first_name" : "ms",
  "last_name" : "dhoni",
  "gender" : "male"
}
{
  "_id" : ObjectId("6142f4a6cea3c064963891d1"),
  "first_name" : "shiv",
  "last_name" : "reddy",
  "gender" : "male"
}
> db.customer.update({first_name:"usama"},{$set:{age:25}});
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.customer.find.pretty();
uncaught exception: TypeError: db.customer.find.pretty is not a function
@shell):1:1
> db.customer.find().pretty();
{
  "_id" : ObjectId("6142e3aeb8d373abf927947d"),
  "first_name" : "smriti",
  "last_name" : "bhagat",
  "sex" : "female"
}
{
  "_id" : ObjectId("6142e415b8d373abf927947e"),
  "first_name" : "preerna",
  "last_name" : "sharma",
  "gender" : "male",
  "age" : 22
}
9:43 AM 9/17/2021 09:42
```

```
C:\Windows\System32\cmd.exe - mongo
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.customer.find.pretty();
uncaught exception: TypeError: db.customer.find.pretty is not a function
@shell):1:1
> db.customer.find().pretty();
{
  "_id" : ObjectId("6142e3aeb8d373abf927947d"),
  "first_name" : "smriti",
  "last_name" : "bhagat",
  "sex" : "female"
}
{
  "_id" : ObjectId("6142e415b8d373abf927947e"),
  "first_name" : "preerna",
  "last_name" : "sharma",
  "gender" : "male",
  "age" : 22
}
{
  "_id" : ObjectId("6142e68fb8d373abf927947f"),
  "first_name" : "dilip",
  "last_name" : "Rao"
}
{
  "_id" : ObjectId("6142e68fb8d373abf9279480"),
  "first_name" : "sourav",
  "last_name" : "Ganguly"
}
{
  "_id" : ObjectId("6142ed28b8d373abf9279481"),
  "first_name" : "usama",
  "last_name" : "sukri",
  "gender" : "male",
  "age" : 25
}
9:43 AM 9/17/2021 09:42
```

```
{
  "_id" : ObjectId("6142ed28b8d373abf9279481"),
  "first_name" : "usama",
  "last_name" : "sukri",
  "gender" : "male",
  "age" : 25
}
{
  "_id" : ObjectId("6142ed28b8d373abf9279482"),
  "first_name" : "ms",
  "last_name" : "dhoni",
  "gender" : "male"
}
{
  "_id" : ObjectId("6142ee1ab8d373abf9279483"),
  "first_name" : "usama",
  "last_name" : "sukri",
  "gender" : "male"
}
{
  "_id" : ObjectId("6142ee1ab8d373abf9279484"),
  "first_name" : "ms",
  "last_name" : "dhoni",
  "gender" : "male"
}
{
  "_id" : ObjectId("6142f4a6cea3c064963891d1"),
  "first_name" : "shiv",
  "last_name" : "reddy",
  "gender" : "male"
}
9:44 AM 9/17/2021 09:44
```

```
C:\Windows\System32\cmd.exe - mongo
{
    "_id" : ObjectId("6142f4a6cea3c064963891d1"),
    "first_name" : "shiv",
    "last_name" : "reddy",
    "gender" : "male"
}
> db.customer.updateMany({,$set:{status:"V"}});
uncaught exception: SyntaxError: missing ) after argument list :
@shell):1:30
> db.customer.updateMany({,$set:{status:"V"}});
{
    "acknowledged" : true,
    "matchedCount" : 9,
    "modifiedCount" : 9
}
> db.customer.find();
{
    "_id" : ObjectId("6142e3ae8d373abf927947d"),
    "first_name" : "smriti",
    "last_name" : "bhagat",
    "sex" : "female",
    "status" : "V"
}
{
    "_id" : ObjectId("6142e415b8d373abf927947e"),
    "first_name" : "prerna",
    "last_name" : "sharma",
    "gender" : "male",
    "age" : 22,
    "status" : "V"
}
{
    "_id" : ObjectId("6142e68fb8d373abf927947f"),
    "first_name" : "dilip",
    "last_name" : "Rao",
    "status" : "V"
}
{
    "_id" : ObjectId("6142e68fb8d373abf9279480"),
    "first_name" : "sourav",
    "last_name" : "Ganguly",
    "status" : "V"
}
{
    "_id" : ObjectId("6142e2d8b8d373abf9279481"),
    "first_name" : "usama",
    "last_name" : "sukri",
    "gender" : "male",
    "age" : 25,
    "status" : "V"
}
{
    "_id" : ObjectId("6142e2d8b8d373abf9279482"),
    "first_name" : "ms",
    "last_name" : "dhoni",
    "gender" : "male",
    "status" : "V"
}
{
    "_id" : ObjectId("6142e1ab8d373abf9279483"),
    "first_name" : "usama",
    "last_name" : "sukri",
    "gender" : "male",
    "status" : "V"
}
{
    "_id" : ObjectId("6142e1ab8d373abf9279484"),
    "first_name" : "ms",
    "last_name" : "dhoni",
    "gender" : "male",
    "status" : "V"
}
{
    "_id" : ObjectId("6142f4a6cea3c064963891d1"),
    "first_name" : "shiv",
    "last_name" : "reddy",
    "gender" : "male",
    "status" : "V"
}
> db.customer.updateMany({gender:"male"},{$set:{status:"MV"}});
{
    "acknowledged" : true,
    "matchedCount" : 6,
    "modifiedCount" : 6
}
> db.customer.find().pretty();
{
    "_id" : ObjectId("6142e3ae8d373abf927947d"),
    "first_name" : "smriti",
    "last_name" : "bhagat",
    "sex" : "female",
    "status" : "V"
}
{
    "_id" : ObjectId("6142e415b8d373abf927947e"),
    "first_name" : "prerna",
}
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```

```
{
    "_id" : ObjectId("6142e3ae8d373abf927947d"),
    "first_name" : "smriti",
    "last_name" : "bhagat",
    "sex" : "female",
    "status" : "V"
}
{
    "_id" : ObjectId("6142e415b8d373abf927947e"),
    "first_name" : "prerna",
    "last_name" : "sharma",
    "gender" : "male",
    "age" : 22,
    "status" : "MV"
}
{
    "_id" : ObjectId("6142e68fb8d373abf927947f"),
    "first_name" : "dilip",
    "last_name" : "Rao",
    "status" : "V"
}
{
    "_id" : ObjectId("6142e68fb8d373abf9279480"),
    "first_name" : "sourav",
    "last_name" : "Ganguly",
    "status" : "V"
}
{
    "_id" : ObjectId("6142e2d8b8d373abf9279481"),
    "first_name" : "usama",
    "last_name" : "sukri",
    "gender" : "male",
    "age" : 25,
    "status" : "MV"
}
{
    "_id" : ObjectId("6142e2d8b8d373abf9279482"),
    "first_name" : "ms",
    "last_name" : "dhoni",
    "gender" : "male",
    "status" : "V"
}
{
    "_id" : ObjectId("6142e1ab8d373abf9279483"),
    "first_name" : "usama",
    "last_name" : "sukri",
    "gender" : "male",
    "status" : "V"
}
{
    "_id" : ObjectId("6142e1ab8d373abf9279484"),
    "first_name" : "ms",
    "last_name" : "dhoni",
    "gender" : "male",
    "status" : "V"
}
9:53 AM 9/17/2021
```

```
Windows System [cmd.exe - mongo] 9:53 AM 9/17/2021 0953 ENG 17-09-2021

{
  "id" : ObjectId("6142ed28b8d373abf9279482"),
  "first_name" : "usama",
  "last_name" : "sukri",
  "gender" : "male",
  "age" : 25,
  "status" : "MV"
}

{
  "id" : ObjectId("6142ee1ab8d373abf9279483"),
  "first_name" : "ms",
  "last_name" : "dhoni",
  "gender" : "male",
  "status" : "MV"
}

{
  "id" : ObjectId("6142ee1ab8d373abf9279483"),
  "first_name" : "usama",
  "last_name" : "sukri",
  "gender" : "male",
  "status" : "MV"
}

{
  "id" : ObjectId("6142ee1ab8d373abf9279484"),
  "first_name" : "ms",
  "last_name" : "dhoni",
  "gender" : "male",
  "status" : "MV"
}

{
  "id" : ObjectId("6142f4a6cea3c064963891d1"),
  "first_name" : "shiv",
  "last_name" : "reddy",
  "gender" : "male",
  "status" : "MV"
}

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```

```
"last_name" : "reddy",
"gender" : "male",
"status" : "MV"
}

> db.customer.update({first_name:"sourav"},{$set:{gender:"male"}});
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.customer.find().pretty();
{
  "_id" : ObjectId("6142e3aab8d373abf927947d"),
  "first_name" : "smriti",
  "last_name" : "bhagat",
  "sex" : "female",
  "status" : "V"
}

{
  "_id" : ObjectId("6142e415b8d373abf927947e"),
  "first_name" : "preerna",
  "last_name" : "sharma",
  "gender" : "male",
  "age" : 22,
  "status" : "MV"
}

{
  "_id" : ObjectId("6142e68fb8d373abf927947f"),
  "first_name" : "dilip",
  "last_name" : "Rao",
  "status" : "V"
}

{
  "_id" : ObjectId("6142e68fb8d373abf9279480"),
  "first_name" : "sourav",
  "last_name" : "Ganguly",
  "status" : "V",
  "gender" : "male"
}

O Type here to search 23°C Light rain 9:58 AM 9/17/2021 0957 ENG 17-09-2021
```

```
Windows System [cmd.exe - mongo] 9:58 AM 9/17/2021 0957 ENG 17-09-2021

{
  "_id" : ObjectId("6142e68fb8d373abf9279480"),
  "first_name" : "sourav",
  "last_name" : "Ganguly",
  "status" : "V",
  "gender" : "male"
}

{
  "_id" : ObjectId("6142ed28b8d373abf9279481"),
  "first_name" : "usama",
  "last_name" : "sukri",
  "gender" : "male",
  "age" : 25,
  "status" : "MV"
}

{
  "_id" : ObjectId("6142ed28b8d373abf9279482"),
  "first_name" : "ms",
  "last_name" : "dhoni",
  "gender" : "male",
  "status" : "MV"
}

{
  "_id" : ObjectId("6142ee1ab8d373abf9279483"),
  "first_name" : "usama",
  "last_name" : "sukri",
  "gender" : "male",
  "status" : "MV"
}

{
  "_id" : ObjectId("6142ee1ab8d373abf9279484"),
  "first_name" : "ms",
  "last_name" : "dhoni",
  "gender" : "male",
  "status" : "MV"
}

O Type here to search 23°C Light rain 9:58 AM 9/17/2021 0957 ENG 17-09-2021
```

```
C:\Windows\System32\cmd.exe - mongo
{
  "status" : "MV"
}
{
  "_id" : ObjectId("6142ed28b8d373abf9279482"),
  "first_name" : "ms",
  "last_name" : "dhoni",
  "gender" : "male",
  "status" : "MV"
}
{
  "_id" : ObjectId("6142ee1ab8d373abf9279483"),
  "first_name" : "usama",
  "last_name" : "sukri",
  "gender" : "male",
  "status" : "MV"
}
{
  "_id" : ObjectId("6142ee1ab8d373abf9279484"),
  "first_name" : "mc",
  "last_name" : "dhoni",
  "gender" : "male",
  "status" : "MV"
}
{
  "_id" : ObjectId("6142f4a6cea3c064963891d1"),
  "first_name" : "shiy",
  "last_name" : "reddy",
  "gender" : "male",
  "status" : "MV"
}
>
```

```
> db.customer.update({gender:"male"},{$set:{status:"MV"}},{multi:true});
WriteResult({ "nMatched" : 7, "nUpserted" : 0, "nModified" : 1 })
> db.customer.find().pretty();
{
  "_id" : ObjectId("6142e3aeb8d373abf927947d"),
  "first_name" : "smiti",
  "last_name" : "bhagat",
  "sex" : "female",
  "status" : "V"
}
{
  "_id" : ObjectId("6142e415b8d373abf927947e"),
  "first_name" : "prerna",
  "last_name" : "sharma",
  "gender" : "male",
  "age" : 22,
  "status" : "MV"
}
{
  "_id" : ObjectId("6142e68fb8d373abf927947f"),
  "first_name" : "dilip",
  "last_name" : "Rao",
  "status" : "V"
}
{
  "_id" : ObjectId("6142e68fb8d373abf9279480"),
  "first_name" : "sourav",
  "last_name" : "Ganguly",
  "status" : "MV",
  "gender" : "male"
}
{
  "_id" : ObjectId("6142ed28b8d373abf9279481"),
  "first_name" : "sourav",
  "last_name" : "Ganguly",
  "status" : "MV",
  "gender" : "male"
}
>
```

```
{  
    "_id" : ObjectId("6142ed28b8d373abf9279481"),  
    "first_name" : "usama",  
    "last_name" : "sukri",  
    "gender" : "male",  
    "age" : 25,  
    "status" : "MV"  
}  
  
{  
    "_id" : ObjectId("6142ed28b8d373abf9279482"),  
    "first_name" : "ms",  
    "last_name" : "dhoni",  
    "gender" : "male",  
    "status" : "MV"  
}  
  
{  
    "_id" : ObjectId("6142ee1ab8d373abf9279483"),  
    "first_name" : "usama",  
    "last_name" : "sukri",  
    "gender" : "male",  
    "status" : "MV"  
}  
  
{  
    "_id" : ObjectId("6142ee1ab8d373abf9279484"),  
    "first_name" : "ms",  
    "last_name" : "dhoni",  
    "gender" : "male",  
    "status" : "MV"  
}  
  
{  
    "_id" : ObjectId("6142f4a6cea3c064963891d1"),  
    "first_name" : "shiv",  
    "last_name" : "reddy",  
    "gender" : "male",  
}
```

```
C:\Windows\System32\cmd.exe - mongo
> db.customer.update({gender:"female"},{$set:{status:"FV"}});
> db.customer.find();
{
  "_id": ObjectId("6142e3ae8d373abf927947d"),
  "first_name": "smriti",
  "last_name": "bhagat",
  "sex": "female",
  "status": "V"
}
{
  "_id": ObjectId("6142e415b8d373abf927947e"),
  "first_name": "preerna",
  "last_name": "sharma",
  "gender": "male",
  "age": 22,
  "status": "MV"
}
{
  "_id": ObjectId("6142e68fb8d373abf927947f"),
  "first_name": "dilip",
  "last_name": "Rao",
  "status": "V"
}
{
  "_id": ObjectId("6142e68fb8d373abf9279480"),
  "first_name": "sourav",
  "last_name": "Ganguly",
  "status": "MV",
  "gender": "male"
}
{
  "_id": ObjectId("6142e2d88d373abf9279481"),
  "first_name": "usama",
  "last_name": "dhoni",
  "gender": "male",
  "age": 25,
  "status": "MV"
}
{
  "_id": ObjectId("6142e1ab8d373abf9279483"),
  "first_name": "usama",
  "last_name": "shiv",
  "gender": "male",
  "status": "MV"
}
{
  "_id": ObjectId("6142f4a6ec3c064963891d"),
  "first_name": "ms",
  "last_name": "reddy",
  "gender": "male",
  "status": "MV"
}
> db.customer.update({gender:"female"},{$set:{status:"Fv"}},{multi:true});
WriteResult({ "nMatched": 0, "nUpserted": 0, "nModified": 0 })
> db.customer.find()
{
  "_id": ObjectId("6142e3ae8d373abf927947d"),
  "first_name": "smriti",
  "last_name": "bhagat",
  "sex": "female",
  "status": "V"
}
{
  "_id": ObjectId("6142e415b8d373abf927947e"),
  "first_name": "preerna",
  "last_name": "sharma",
  "gender": "male",
  "age": 22,
  "status": "MV"
}
{
  "_id": ObjectId("6142e68fb8d373abf927947f"),
  "first_name": "dilip",
  "last_name": "Rao",
  "status": "V"
}
{
  "_id": ObjectId("6142e68fb8d373abf9279480"),
  "first_name": "sourav",
  "last_name": "Ganguly",
  "status": "MV",
  "gender": "male"
}
{
  "_id": ObjectId("6142e2d88d373abf9279481"),
  "first_name": "usama",
  "last_name": "dhoni",
  "gender": "male",
  "age": 25,
  "status": "MV"
}
{
  "_id": ObjectId("6142e1ab8d373abf9279483"),
  "first_name": "usama",
  "last_name": "shiv",
  "gender": "male",
  "status": "MV"
}
{
  "_id": ObjectId("6142f4a6ec3c064963891d"),
  "first_name": "ms",
  "last_name": "reddy",
  "gender": "male",
  "status": "MV"
}
> db.customer.updateMany({first_name:"smriti"},{$set:{age:45}});
{
  "acknowledged": true,
  "matchedCount": 1,
  "modifiedCount": 1
}
> db.customer.find();
{
  "_id": ObjectId("6142e3ae8d373abf927947d"),
  "first_name": "smriti",
  "last_name": "bhagat",
  "sex": "female",
  "status": "V",
  "age": 45
}
{
  "_id": ObjectId("6142e415b8d373abf927947e"),
  "first_name": "preerna",
  "last_name": "sharma",
  "gender": "male",
  "age": 22,
  "status": "MV"
}
{
  "_id": ObjectId("6142e68fb8d373abf927947f"),
  "first_name": "dilip",
  "last_name": "Rao",
  "status": "V"
}
{
  "_id": ObjectId("6142e68fb8d373abf9279480"),
  "first_name": "sourav",
  "last_name": "Ganguly",
  "status": "MV",
  "gender": "male"
}
{
  "_id": ObjectId("6142e2d88d373abf9279481"),
  "first_name": "usama",
  "last_name": "dhoni",
  "gender": "male",
  "age": 25,
  "status": "MV"
}
{
  "_id": ObjectId("6142e1ab8d373abf9279483"),
  "first_name": "usama",
  "last_name": "shiv",
  "gender": "male",
  "status": "MV"
}
{
  "_id": ObjectId("6142f4a6ec3c064963891d"),
  "first_name": "ms",
  "last_name": "reddy",
  "gender": "male",
  "status": "MV"
}
```

```
> db.customer.updateMany({first_name:"smriti"},{$set:{age:45}});  
> db.customer.find();  
{ "_id" : ObjectId("6142e3aeb8d373abf927947d"), "first_name" : "smriti", "last_name" : "bhagat", "sex" : "female", "status" : "V", "age" : 45 }  
{ "_id" : ObjectId("6142e415b8d373abf927947e"), "first_name" : "preerna", "last_name" : "sharma", "gender" : "male", "age" : 22, "status" : "MV" }  
{ "_id" : ObjectId("6142e68fb8d373abf927947f"), "first_name" : "dilip", "last_name" : "Rao", "status" : "V" }  
{ "_id" : ObjectId("6142e68fb8d373abf9279480"), "first_name" : "sourav", "last_name" : "Ganguly", "status" : "MV", "gender" : "male" }  
{ "_id" : ObjectId("6142ed28b8d373abf9279481"), "first_name" : "usama", "last_name" : "sukri", "gender" : "male", "age" : 25, "status" : "MV" }  
{ "_id" : ObjectId("6142ed28b8d373abf9279482"), "first_name" : "ms", "last_name" : "dhoni", "gender" : "male", "status" : "MV" }  
{ "_id" : ObjectId("6142ee1ab8d373abf9279483"), "first_name" : "usama", "last_name" : "sukri", "gender" : "male", "status" : "MV" }  
{ "_id" : ObjectId("6142faa6ceaa3c064963891d1"), "first_name" : "shiv", "last_name" : "reddy", "gender" : "male", "status" : "MV" }  
> db.customer.updateMany({},{$set:{status:"V"}}, { "acknowledged" : true, "matchedCount" : 9, "modifiedCount" : 7 }  
> db.customer.find().pretty();  
{  
    "_id" : ObjectId("6142e3aeb8d373abf927947d"),  
    "first_name" : "smriti",  
    "last_name" : "bhagat",  
    "sex" : "female",  
    "status" : "V",  
    "age" : 45  
}  
{  
    "_id" : ObjectId("6142e415b8d373abf927947e"),  
    "first_name" : "preerna",  
    "last_name" : "sharma",  
    "gender" : "male",  
    "age" : 22,  
    "status" : "V"  
}  
{  
    "_id" : ObjectId("6142e68fb8d373abf927947f"),  
    "first_name" : "dilip",  
    "last_name" : "Rao",  
    "status" : "V" }
```

```
C:\Windows\System32\cmd.exe - mongo
{
  "_id" : ObjectId("6142e68fb8d373abf927947f"),
  "first_name" : "dilip",
  "last_name" : "Rao",
  "status" : "V"
}
{
  "_id" : ObjectId("6142e68fb8d373abf9279480"),
  "first_name" : "sourav",
  "last_name" : "Ganguly",
  "status" : "V",
  "gender" : "male"
}
{
  "_id" : ObjectId("6142ed28b8d373abf9279481"),
  "first_name" : "usama",
  "last_name" : "sukri",
  "gender" : "male",
  "age" : 25,
  "status" : "V"
}
{
  "_id" : ObjectId("6142ed28b8d373abf9279482"),
  "first_name" : "ms",
  "last_name" : "dhoni",
  "gender" : "male",
  "status" : "V"
}
{
  "_id" : ObjectId("6142ee1ab8d373abf9279483"),
  "first_name" : "usama",
  "last_name" : "sukri",
  "gender" : "male",
  "status" : "V"
}
>
```

```
C:\Windows\System32\cmd.exe - mongo
{
  "_id" : ObjectId("6142ee1ab8d373abf9279484"),
  "first_name" : "ms",
  "last_name" : "dhoni",
  "gender" : "male",
  "status" : "V"
}
{
  "_id" : ObjectId("6142f4a6cea3c064963891d1"),
  "first_name" : "shiv",
  "last_name" : "reddy",
  "gender" : "male",
  "status" : "V"
}
> db.customer.find({first_name:"shiv"}).pretty();
{
  "_id" : ObjectId("6142f4a6cea3c064963891d1"),
  "first_name" : "shiv",
  "last_name" : "reddy",
  "gender" : "male",
  "status" : "V"
}
```

```
> db.customer.find({first_name:"shiv"}).pretty();
{
  "_id" : ObjectId("6142f4a6cea3c064963891d1"),
  "first_name" : "shiv",
  "last_name" : "reddy",
  "gender" : "male",
  "status" : "V"
}
> db.customer.find({age:{$gt:40}}).pretty();
{
  "_id" : ObjectId("6142e3aeb8d373abf927947d"),
  "first_name" : "smriti",
  "last_name" : "bhagat",
  "sex" : "female",
  "status" : "V",
  "age" : 45
}
> db.customer.find({age:{$lt:50}}).pretty();
{
  "_id" : ObjectId("6142e3aeb8d373abf927947d"),
  "first_name" : "smriti",
  "last_name" : "bhagat",
  "sex" : "female",
  "status" : "V",
  "age" : 45
}
{
  "_id" : ObjectId("6142e415b8d373abf927947e"),
  "first_name" : "prerna",
  "last_name" : "sharma",
  "gender" : "male",
  "age" : 22,
  "status" : "V"
}
```

```
{
  "_id" : ObjectId("6142e415b8d373abf927947e"),
  "first_name" : "prerna",
  "last_name" : "sharma",
  "gender" : "male",
  "age" : 22,
  "status" : "V"
}
{
  "_id" : ObjectId("6142ed28b8d373abf9279481"),
  "first_name" : "usama",
  "last_name" : "sukri",
  "gender" : "male",
  "age" : 25,
  "status" : "V"
}
> db.customer.find({age:{$e:50}}).pretty();
Error: error: {
  "ok" : 0,
  "errmsg" : "unknown operator: $e",
  "code" : 2,
  "codeName" : "BadValue"
}
> db.customer.find({age:{$ne:50}}).pretty();
{
  "_id" : ObjectId("6142e3aeb8d373abf927947d"),
  "first_name" : "smriti",
  "last_name" : "bhagat",
  "sex" : "female",
  "status" : "V",
  "age" : 45
}
{
  "_id" : ObjectId("6142e415b8d373abf927947e"),
  "first_name" : "prerna",
  "last_name" : "sharma",
  "gender" : "male",
  "age" : 22,
  "status" : "V"
}
```

```
"last_name" : "bhagat",
"sex" : "female",
"status" : "V",
"age" : 45

"_id" : ObjectId("6142e415b8d373abf927947e"),
"first_name" : "prerna",
"last_name" : "sharma",
"gender" : "male",
"age" : 22,
"status" : "V"

"_id" : ObjectId("6142e68fb8d373abf927947f"),
"first_name" : "dilip",
"last_name" : "Rao",
"status" : "V"

"_id" : ObjectId("6142e68fb8d373abf9279480"),
"first_name" : "sourav",
"last_name" : "Ganguly",
"status" : "V",
"gender" : "male"

"_id" : ObjectId("6142ed28b8d373abf9279481"),
"first_name" : "usama",
"last_name" : "sukri",
"gender" : "male",
"age" : 25,
"status" : "V"
```

```
        "_id" : ObjectId("6142ed28b8d373abf9279481"),
        "first_name" : "usama",
        "last_name" : "sukri",
        "gender" : "male",
        "age" : 25,
        "status" : "V"
    }
}
{
    "_id" : ObjectId("6142ed28b8d373abf9279482"),
    "first_name" : "ms",
    "last_name" : "dhoni",
    "gender" : "male",
    "status" : "V"
}
{
    "_id" : ObjectId("6142ee1ab8d373abf9279483"),
    "first_name" : "usama",
    "last_name" : "sukri",
    "gender" : "male",
    "status" : "V"
}
{
    "_id" : ObjectId("6142ee1ab8d373abf9279484"),
    "first_name" : "ms",
    "last_name" : "dhoni",
    "gender" : "male",
    "status" : "V"
}
{
    "_id" : ObjectId("6142f4a6cea3c064963891d1"),
    "first_name" : "shiv",
    "last_name" : "reddy",
    "gender" : "male",
    "status" : "V"
}
>
```

```
        "_id" : ObjectId("6142ee1ab8d373abf9279483"),
        "first_name" : "usama",
        "last_name" : "sukri",
        "gender" : "male",
        "status" : "V"
    }
{
    "_id" : ObjectId("6142ee1ab8d373abf9279484"),
    "first_name" : "ms",
    "last_name" : "dhoni",
    "gender" : "male",
    "status" : "V"
}
{
    "_id" : ObjectId("6142f4a6cea3c064963891d1"),
    "first_name" : "shiv",
    "last_name" : "reddy",
    "gender" : "male",
    "status" : "V"
}
>
```

```
ca C:\Windows\System32\cmd.exe - mongo
> db.customer.find({}, {first_name:1});
{
  "_id" : ObjectId("6142e3aeb8d373abf927947d"),
  "first_name" : "smriti"
}
{
  "_id" : ObjectId("6142e415b8d373abf927947e"),
  "first_name" : "preerna"
}
{
  "_id" : ObjectId("6142e68fb8d373abf927947f"),
  "first_name" : "dilip"
}
{
  "_id" : ObjectId("6142e68fb8d373abf9279480"),
  "first_name" : "sourav"
}
{
  "_id" : ObjectId("6142ed28b8d373abf9279481"),
  "first_name" : "usama"
}
{
  "_id" : ObjectId("6142ee1ab8d373abf9279482"),
  "first_name" : "ms"
}
{
  "_id" : ObjectId("6142ee1ab8d373abf9279483"),
  "first_name" : "usama"
}
{
  "_id" : ObjectId("6142f4a6cea3c064963891d1"),
  "first_name" : "ms"
}
{
  "_id" : ObjectId("6142f4a6cea3c064963891d1"),
  "first_name" : "shiv"
}
> db.customer.find({}, {_id:0,first_name:1});
{
  "first_name" : "smriti"
}
{
  "first_name" : "preerna"
}
{
  "first_name" : "dilip"
}
{
  "first_name" : "sourav"
}
{
  "first_name" : "usama"
}
{
  "first_name" : "ms"
}
{
  "first_name" : "usama"
}
{
  "first_name" : "ms"
}
{
  "first_name" : "shiv"
}
>
```

```
ca C:\Windows\System32\cmd.exe - mongo
> db.customer.find({}, {_id:0,first_name:0,age:0});
{
  "last_name" : "bhagat",
  "sex" : "female",
  "status" : "V"
}
{
  "last_name" : "sharma",
  "gender" : "male",
  "status" : "V"
}
{
  "last_name" : "Rao",
  "status" : "V"
}
{
  "last_name" : "Ganguly",
  "status" : "V",
  "gender" : "male"
}
{
  "last_name" : "sukri",
  "gender" : "male",
  "status" : "V"
}
{
  "last_name" : "dhoni",
  "gender" : "male",
  "status" : "V"
}
{
  "last_name" : "sukri",
  "gender" : "male",
  "status" : "V"
}
{
  "last_name" : "dhoni",
  "gender" : "male",
  "status" : "V"
}
{
  "last_name" : "reddy",
  "gender" : "male",
  "status" : "V"
}
> db.customer.find({gender:"female"}, {_id:0,first_name:1,last_name:1});
> db.customer.find({gender:"female"}, {_id:0,first_name:1,last_name:1});
> db.customer.remove({first_name:"usama"});
WriteResult({ "nRemoved" : 2 })
> db.customer.remove({status:{$eq:"FV"}});
WriteResult({ "nRemoved" : 0 })
> db.customer.remove({status:"FV"});
WriteResult({ "nRemoved" : 0 })
>
```

```
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()
> show dbs;
admin      0.000GB
config     0.000GB
customerdb 0.000GB
local      0.000GB
> use customerdb;
switched to db customerdb
> db.createCollections("Books");
uncaught exception: TypeError: db.createCollections is not a function :
@(shell):1:1
> db.createCollection("Books");
{ "ok" : 1 }
> show collections;
Books
customer
> db.Books.drop();
true
> show collections;
customer
> db.customer.find();
{
  "_id" : ObjectId("6142e3aeb8d373abf927947d"),
  "first_name" : "smriti",
  "last_name" : "bhagat",
  "sex" : "female",
  "status" : "V",
  "age" : 45
}
{
  "_id" : ObjectId("6142e415b8d373abf927947e"),
  "first_name" : "preerna",
  "last_name" : "sharma",
  "gender" : "male",
  "age" : 22,
  "status" : "V"
}
{
  "_id" : ObjectId("6142e68fb8d373abf927947f"),
  "first_name" : "dilip",
  "last_name" : "Rao",
  "status" : "V"
}
{
  "_id" : ObjectId("6142e68fb8d373abf9279480"),
  "first_name" : "sourav",
  "last_name" : "Ganguly",
  "status" : "V",
  "gender" : "male"
}
{
  "_id" : ObjectId("6142ed28b8d373abf9279481"),
  "first_name" : "ms",
  "last_name" : "dhoni",
  "gender" : "male",
  "status" : "V"
}
{
  "_id" : ObjectId("6142ee1ab8d373abf9279482"),
  "first_name" : "ms",
  "last_name" : "dhoni",
  "gender" : "male",
  "status" : "V"
}
{
  "_id" : ObjectId("6142f4a6cea3c064963891d1"),
  "first_name" : "shiv",
  "last_name" : "reddy",
  "gender" : "male",
  "status" : "V"
}
11:05 AM 9/17/2021 11:05
23°C Light rain ENG 17-09-2021
```

```
C:\Windows\System32\cmd.exe - mongo
> db.customer.find({},{_id:0,first_name:1,last_name:1}).sort({"last_name":1});
{
  "first_name": "sourav", "last_name": "Ganguly" }
{
  "first_name": "dilip", "last_name": "Rao" }
{
  "first_name": "smriti", "last_name": "bhagat" }
{
  "first_name": "ms", "last_name": "dhoni" }
{
  "first_name": "ms", "last_name": "dhoni" }
{
  "first_name": "shiv", "last_name": "reddy" }
{
  "first_name": "preerna", "last_name": "sharma" }
> db.customer.find({},{_id:0,first_name:1,last_name:1}).sort({"last_name":-1});
{
  "first_name": "preerna", "last_name": "sharma" }
{
  "first_name": "shiv", "last_name": "reddy" }
{
  "first_name": "ms", "last_name": "dhoni" }
{
  "first_name": "ms", "last_name": "dhoni" }
{
  "first_name": "smriti", "last_name": "bhagat" }
{
  "first_name": "dilip", "last_name": "Rao" }
{
  "first_name": "sourav", "last_name": "Ganguly" }
> db.customer.find({},{_id:0,first_name:1,last_name:1}).sort({"last_name":-1}).pretty();
{
  "first_name": "preerna", "last_name": "sharma" }
{
  "first_name": "shiv", "last_name": "reddy" }
{
  "first_name": "ms", "last_name": "dhoni" }
{
  "first_name": "ms", "last_name": "dhoni" }
{
  "first_name": "smriti", "last_name": "bhagat" }
{
  "first_name": "dilip", "last_name": "Rao" }
{
  "first_name": "sourav", "last_name": "Ganguly" }
> db.customer.find({},{_id:0,first_name:1,last_name:1}).pretty().sort({"last_name":-1});
{
  "first_name": "preerna", "last_name": "sharma" }
{
  "first_name": "shiv", "last_name": "reddy" }
{
  "first_name": "ms", "last_name": "dhoni" }
{
  "first_name": "ms", "last_name": "dhoni" }
{
  "first_name": "smriti", "last_name": "bhagat" }
{
  "first_name": "dilip", "last_name": "Rao" }
{
  "first_name": "sourav", "last_name": "Ganguly" }
> db.customer.find({},{_id:0,first_name:1,last_name:1}).pretty().sort({"last_name":-1});
{
  "first_name": "preerna", "last_name": "sharma" }
{
  "first_name": "shiv", "last_name": "reddy" }
{
  "first_name": "ms", "last_name": "dhoni" }
{
  "first_name": "ms", "last_name": "dhoni" }
{
  "first_name": "smriti", "last_name": "bhagat" }
{
  "first_name": "dilip", "last_name": "Rao" }
{
  "first_name": "sourav", "last_name": "Ganguly" }
uncaught exception: SyntaxError: missing } after property list :
@shell:1:25
> db.customer.find({age:{$gt:30}},{_id:0,first_name:1,last_name:1,age:1}).sort({"last_name":-1}).pretty();
{
  "first_name": "smriti", "last_name": "bhagat", "age": 45 }
```

```
(1) Boot camp training link  Torry-Harris
← → C labs.alchemycloud.co.in/Citrix/StoreWeb/clients/HTML5Client/src/SessionWindow.html?launchid=1631856324178#launchurl=Resources%2FLaunchIca%2FQoS...
C:\Windows\System32\cmd.exe - mongo
> db.customer.find({},{_id:0,first_name:1,last_name:1}).sort({"last_name":-1}).pretty();
{
  "first_name": "preerna", "last_name": "sharma" }
{
  "first_name": "shiv", "last_name": "reddy" }
{
  "first_name": "ms", "last_name": "dhoni" }
{
  "first_name": "ms", "last_name": "dhoni" }
{
  "first_name": "smriti", "last_name": "bhagat" }
{
  "first_name": "dilip", "last_name": "Rao" }
{
  "first_name": "sourav", "last_name": "Ganguly" }
> db.customer.find({age:{$gt:30}},{_id:0,first_name:1,last_name:1,age:1}).sort({"last_name":-1}).pretty();
uncaught exception: SyntaxError: missing } after property list :
@shell:1:25
> db.customer.find({age:{$gt:30}},{_id:0,first_name:1,last_name:1,age:1}).sort({"last_name":-1}).pretty();
{
  "first_name": "smriti", "last_name": "bhagat", "age": 45 }
```

```
(2) Boot camp training link | Torry-Harris
C:\Windows\System32\cmd.exe - mongo
> db.customer.find({}, {_id:0,first_name:1,last_name:1}).sort({"last_name":-1}).pretty();
{
  "first_name" : "preerna",
  "last_name" : "sharma"
}
{
  "first_name" : "shiv",
  "last_name" : "reddy"
}
{
  "first_name" : "ms",
  "last_name" : "dhoni"
}
{
  "first_name" : "ms",
  "last_name" : "dhoni"
}
{
  "first_name" : "smriti",
  "last_name" : "bhagat"
}
{
  "first_name" : "dilip",
  "last_name" : "Rao"
}
{
  "first_name" : "sourav",
  "last_name" : "Ganguly"
}
> db.customer.find({age:$gt:30},{_id:0,first_name:1,last_name:1,age:1}).sort({"last_name":-1}).pretty();
uncaught exception: SyntaxError: missing } after property list :
@(shell):1:25
> db.customer.find({age:{$gt:30}},{_id:0,first_name:1,last_name:1,age:1}).sort({"last_name":-1}).pretty();
{
  "first_name" : "smriti",
  "last_name" : "bhagat",
  "age" : 45
}
> db.customer.find({age:{$gt:30}},{_id:0,first_name:1,last_name:1}).sort({"first_name":1}).pretty();
{
  "first_name" : "smriti",
  "last_name" : "bhagat"
}
>
```

```
(1) Boot camp training link BC-8 | Torry-Harris
C:\Windows\System32\cmd.exe - mongo
> db.customer.find();
{
  "_id" : ObjectId("6142e3ae8d373abf927947d"),
  "first_name" : "smriti",
  "last_name" : "bhagat",
  "sex" : "female",
  "status" : "V",
  "age" : 45
}
{
  "_id" : ObjectId("6142e415b8d373abf927947e"),
  "first_name" : "preerna",
  "last_name" : "sharma",
  "gender" : "male",
  "age" : 22,
  "status" : "V"
}
{
  "_id" : ObjectId("6142e68fb8d373abf927947f"),
  "first_name" : "dilip",
  "last_name" : "Rao",
  "status" : "V"
}
{
  "_id" : ObjectId("6142e68fb8d373abf9279480"),
  "first_name" : "sourav",
  "last_name" : "Ganguly",
  "status" : "V",
  "gender" : "male"
}
{
  "_id" : ObjectId("6142ed28b8d373abf9279482"),
  "first_name" : "ms",
  "last_name" : "dhoni",
  "gender" : "male",
  "status" : "V"
}
{
  "_id" : ObjectId("6142ee1ab8d373abf9279484"),
  "first_name" : "ms",
  "last_name" : "dhoni",
  "gender" : "male",
  "status" : "V"
}
{
  "_id" : ObjectId("6142f4a0cea3c064963891d1"),
  "first_name" : "shiv",
  "last_name" : "reddy",
  "gender" : "male",
  "status" : "V"
}
> db.customer.find({sex:"female"},{_id:0,first_name:1,last_name:1});
{
  "first_name" : "smriti",
  "last_name" : "bhagat"
}
>
```

```
Boot camp training link BC-8 | Torry-Harris
C:\Windows\System32\cmd.exe - mongo
> db.customer.find().limit(1).pretty();
{
  "_id" : ObjectId("6142e3ae8d373abf927947d"),
  "first_name" : "smriti",
  "last_name" : "bhagat",
  "sex" : "female",
  "status" : "V",
  "age" : 45
}
> db.customer.find().limit(2).pretty();
{
  "_id" : ObjectId("6142e3ae8d373abf927947d"),
  "first_name" : "smriti",
  "last_name" : "bhagat",
  "sex" : "female",
  "status" : "V",
  "age" : 45
}
{
  "_id" : ObjectId("6142e415b8d373abf927947e"),
  "first_name" : "preerna",
  "last_name" : "sharma",
  "gender" : "male",
  "age" : 22,
  "status" : "V"
}
> db.customer.find().limit(1).skip(2).pretty();
{
  "_id" : ObjectId("6142e68fb8d373abf927947f"),
  "first_name" : "dilip",
  "last_name" : "Rao",
  "status" : "V"
}
```

```
> db.customer.find({age:{$gt:30}}).limit(2).pretty();
{
  "_id" : ObjectId("6142e61ca024d997cc299f65"),
  "first_name" : "Olip",
  "last_name" : "Rao",
  "gender" : "male",
  "age" : 50,
  "status" : "NV"
}

{
  "_id" : ObjectId("6142e61ca024d997cc299f66"),
  "first_name" : "Sourav",
  "last_name" : "Ganguly",
  "age" : 50,
  "status" : "NV",
  "gender" : "male"
}
> db.customer.find({age:{$gt:30}}).limit(2).skip(2).pretty();
{
  "_id" : ObjectId("6142f292bb870e0b4320eb12"),
  "first_name" : "Shiv",
  "last_name" : "Reddy",
  "gender" : "male",
  "age" : 50,
  "status" : "NV"
}
```

```
> db.customer.find({age:{$gt:30}}).limit(2).pretty();
{
  "_id" : ObjectId("6142e3aeb8d373abf927947d"),
  "first_name" : "smriti",
  "last_name" : "bhagat",
  "sex" : "female",
  "status" : "V",
  "age" : 45
}
> db.customer.find({age:{$gt:30}}).limit(2).skip(2).pretty();
> db.customer.find({age:{$gt:40}}).limit(2).skip(2).pretty();
> db.customer.find({age:{$gt:30}}).pretty();
{
  "_id" : ObjectId("6142e3aeb8d373abf927947d"),
  "first_name" : "smriti",
  "last_name" : "bhagat",
  "sex" : "female",
  "status" : "V",
  "age" : 45
}
> db.customer.find({age:{$gt:30}}).limit(2).skip(2);
> db.customer.find({age:{$gt:45}}).limit(2).skip(2);
> db.customer.find({age:{$gt:30}}).limit(2).skip(1);
> db.customer.find({age:{$gt:30}});
{
  "_id" : ObjectId("6142e3aeb8d373abf927947d"),
  "first_name" : "smriti",
  "last_name" : "bhagat",
  "sex" : "female",
  "status" : "V",
  "age" : 45
}
> db.customer.find({age:{$gt:30}}).limit(2);
{
  "_id" : ObjectId("6142e3aeb8d373abf927947d"),
  "first_name" : "smriti",
  "last_name" : "bhagat",
  "sex" : "female",
  "status" : "V",
  "age" : 45
}
> db.customer.find({age:{$gt:30}}).limit(2).skip(1);
> db.customer.find().count();
7
>
```