Microsoft Windows [Version 10.0.22631.4317]

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C:\Users\sarath>mongosh

Current Mongosh Log ID: 672992b2912d2000540d818f

Connecting to: mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.3.3

Using MongoDB: 7.0.12

Using Mongosh: 2.3.3

For mongosh info see: https://www.mongodb.com/docs/mongodb-shell/

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The server generated these startup warnings when booting

2024-10-12T16:15:24.950+05:30: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted

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test>

(To exit, press Ctrl+C again or Ctrl+D or type .exit)

test>

C:\Users\sarath>mongosh --version

2.3.3

C:\Users\sarath>mongosh

Current Mongosh Log ID: 67299568fcd7cd8b230d818f

Connecting to: mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.3.3

Using MongoDB: 7.0.12

Using Mongosh: 2.3.3

For mongosh info see: https://www.mongodb.com/docs/mongodb-shell/

------

The server generated these startup warnings when booting

2024-10-12T16:15:24.950+05:30: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted

------

test>

(To exit, press Ctrl+C again or Ctrl+D or type .exit)

test>

C:\Users\sarath>mongosh

Current Mongosh Log ID: 67299d3caf66b325ba0d818f

Connecting to: mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.3.3

Using MongoDB: 7.0.12

Using Mongosh: 2.3.3

For mongosh info see: https://www.mongodb.com/docs/mongodb-shell/

------

The server generated these startup warnings when booting

2024-10-12T16:15:24.950+05:30: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted

------

test> show dbs

admin 40.00 KiB

config 72.00 KiB

local 80.00 KiB

rcss 80.00 KiB

test> use rcss

switched to db rcss

rcss> use local

switched to db local

local>

(To exit, press Ctrl+C again or Ctrl+D or type .exit)

local>

C:\Users\sarath>mongosh

Current Mongosh Log ID: 6729af4c6439193cff0d818f

Connecting to: mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.3.3

Using MongoDB: 7.0.12

Using Mongosh: 2.3.3

For mongosh info see: https://www.mongodb.com/docs/mongodb-shell/

------

The server generated these startup warnings when booting

2024-10-12T16:15:24.950+05:30: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted

------

test> show dbas

MongoshInvalidInputError: [COMMON-10001] 'dbas' is not a valid argument for "show".

test> show dbs

admin 40.00 KiB

config 72.00 KiB

local 80.00 KiB

rcss 80.00 KiB

test> use newname

switched to db newname

newname> show dbs

admin 40.00 KiB

config 108.00 KiB

local 80.00 KiB

rcss 80.00 KiB

newname> db.createCollection("mycollect")

{ ok: 1 }

newname> db.mycollect.insertOne({name:"Sarath",age:"22",profession:"Student"})

{

acknowledged: true,

insertedId: ObjectId('6729b2486439193cff0d8190')

}

newname> db.mycollect.insertOne({name:"Kwezera",age:"25",profession:"Student"})

{

acknowledged: true,

insertedId: ObjectId('6729b2846439193cff0d8191')

}

newname> db.mycollect.insertOne({name:"Sharon",age:"20",profession:"Student"})

{

acknowledged: true,

insertedId: ObjectId('6729b2906439193cff0d8192')

}

newname> db.mycollect.insertMany([{name:"S",age:"20",profession:"Student"},{name:"abey",profession:"student"},{name:"Nihal",age:"30"}])

{

acknowledged: true,

insertedIds: {

'0': ObjectId('6729b3996439193cff0d8193'),

'1': ObjectId('6729b3996439193cff0d8194'),

'2': ObjectId('6729b3996439193cff0d8195')

}

}

newname> db.mycollect.find()

[

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22',

profession: 'Student'

},

{

\_id: ObjectId('6729b2846439193cff0d8191'),

name: 'Kwezera',

age: '25',

profession: 'Student'

},

{

\_id: ObjectId('6729b2906439193cff0d8192'),

name: 'Sharon',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8193'),

name: 'S',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8194'),

name: 'abey',

profession: 'student'

},

{

\_id: ObjectId('6729b3996439193cff0d8195'),

name: 'Nihal',

age: '30'

}

]

newname> db.mycollect.find( ObjectId('6729b2486439193cff0d8190'))

[

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22',

profession: 'Student'

}

]

newname> db.mycollect.find({\_id: ObjectId('6729b2486439193cff0d8190')})

[

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22',

profession: 'Student'

}

]

newname> db.mycollect.find({\_id: ObjectId('6729b2486439193cff0d8190')})

[

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22',

profession: 'Student'

}

]

newname> db.mycollect.find({name:"sarath"})

newname> db.mycollect.find(name:"sarath")

Uncaught:

SyntaxError: Unexpected token, expected "," (1:22)

> 1 | db.mycollect.find(name:"sarath")

| ^

2 |

newname> db.mycollect.find(name:'sarath')

Uncaught:

SyntaxError: Unexpected token, expected "," (1:22)

> 1 | db.mycollect.find(name:'sarath')

| ^

2 |

newname> db.mycollect.find({name:'sarath'})

newname> db.mycollect.find({$:[{age:22},{name:"Sarath"})

Uncaught:

SyntaxError: Unexpected token, expected "," (1:46)

> 1 | db.mycollect.find({$:[{age:22},{name:"Sarath"})

| ^

2 |

newname> db.mycollect.find({$:[{age:22},{name:"Sarath"}]}]

Uncaught:

SyntaxError: Unexpected token, expected "," (1:48)

> 1 | db.mycollect.find({$:[{age:22},{name:"Sarath"}]}]

| ^

2 |

newname> db.mycollect.find({$:[{age:22},{name:"Sarath"}]}

...

newname> db.mycollect.find({$and:[{age:22},{name:"Sarath"}]}

...

newname> db.mycollect.find({$and:[{age:"22"},{name:"Sarath"}]})

[

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22',

profession: 'Student'

}

]

newname> db.mycollect.find({ $or: [{ age: "22" }, { name: "Sarath" }] })

[

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22',

profession: 'Student'

}

]

newname> db.mycollect.find({ $or: [{ age: "25" }, { name: "Sarath" }] })

[

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22',

profession: 'Student'

},

{

\_id: ObjectId('6729b2846439193cff0d8191'),

name: 'Kwezera',

age: '25',

profession: 'Student'

}

]

newname> db.mycollect.find({$gte:[{age:"10"},[{age:"40"}]})

Uncaught:

SyntaxError: Unexpected token, expected "," (1:48)

> 1 | db.mycollect.find({$gte:[{age:"10"},[{age:"40"}]})

| ^

2 |

newname> db.mycollect.find({age:{$gte:"40",$lte:"10"}})

newname> db.mycollect.find({age:{$gte:"10",$lte:"40"}})

[

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22',

profession: 'Student'

},

{

\_id: ObjectId('6729b2846439193cff0d8191'),

name: 'Kwezera',

age: '25',

profession: 'Student'

},

{

\_id: ObjectId('6729b2906439193cff0d8192'),

name: 'Sharon',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8193'),

name: 'S',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8195'),

name: 'Nihal',

age: '30'

}

]

newname> db.mycollect.insertMany([{name:"S",age:"20",profession:"Testing"},{name:"abey",profession:"Testing"},{name:"Nihal",age:"39"}])

{

acknowledged: true,

insertedIds: {

'0': ObjectId('6729baf96439193cff0d8196'),

'1': ObjectId('6729baf96439193cff0d8197'),

'2': ObjectId('6729baf96439193cff0d8198')

}

}

newname> db.mycollect.find({profession:[{$in:['Testing']}})

Uncaught:

SyntaxError: Unexpected token, expected "," (1:48)

> 1 | db.mycollect.find({profession:[{$in:['Testing']}})

| ^

2 |

newname> db.mycollect.find({

... profession: { $in: ["Testing"] }

... })

[

{

\_id: ObjectId('6729baf96439193cff0d8196'),

name: 'S',

age: '20',

profession: 'Testing'

},

{

\_id: ObjectId('6729baf96439193cff0d8197'),

name: 'abey',

profession: 'Testing'

}

]

newname> db.mycollect.find({profession: { $in: ["Testing"] }})

[

{

\_id: ObjectId('6729baf96439193cff0d8196'),

name: 'S',

age: '20',

profession: 'Testing'

},

{

\_id: ObjectId('6729baf96439193cff0d8197'),

name: 'abey',

profession: 'Testing'

}

]

newname> db.mycollect.find({name: { $in: ["Testing"] }})

newname> db.mycollect.find({name: { $nin: ["Testing"] }})

[

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22',

profession: 'Student'

},

{

\_id: ObjectId('6729b2846439193cff0d8191'),

name: 'Kwezera',

age: '25',

profession: 'Student'

},

{

\_id: ObjectId('6729b2906439193cff0d8192'),

name: 'Sharon',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8193'),

name: 'S',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8194'),

name: 'abey',

profession: 'student'

},

{

\_id: ObjectId('6729b3996439193cff0d8195'),

name: 'Nihal',

age: '30'

},

{

\_id: ObjectId('6729baf96439193cff0d8196'),

name: 'S',

age: '20',

profession: 'Testing'

},

{

\_id: ObjectId('6729baf96439193cff0d8197'),

name: 'abey',

profession: 'Testing'

},

{

\_id: ObjectId('6729baf96439193cff0d8198'),

name: 'Nihal',

age: '39'

}

]

newname> db.mycollect.find({name: { $ne: ["Testing"] }})

[

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22',

profession: 'Student'

},

{

\_id: ObjectId('6729b2846439193cff0d8191'),

name: 'Kwezera',

age: '25',

profession: 'Student'

},

{

\_id: ObjectId('6729b2906439193cff0d8192'),

name: 'Sharon',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8193'),

name: 'S',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8194'),

name: 'abey',

profession: 'student'

},

{

\_id: ObjectId('6729b3996439193cff0d8195'),

name: 'Nihal',

age: '30'

},

{

\_id: ObjectId('6729baf96439193cff0d8196'),

name: 'S',

age: '20',

profession: 'Testing'

},

{

\_id: ObjectId('6729baf96439193cff0d8197'),

name: 'abey',

profession: 'Testing'

},

{

\_id: ObjectId('6729baf96439193cff0d8198'),

name: 'Nihal',

age: '39'

}

]

newname> db.mycollect.find({ name: { $ne: "Testing" } })

[

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22',

profession: 'Student'

},

{

\_id: ObjectId('6729b2846439193cff0d8191'),

name: 'Kwezera',

age: '25',

profession: 'Student'

},

{

\_id: ObjectId('6729b2906439193cff0d8192'),

name: 'Sharon',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8193'),

name: 'S',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8194'),

name: 'abey',

profession: 'student'

},

{

\_id: ObjectId('6729b3996439193cff0d8195'),

name: 'Nihal',

age: '30'

},

{

\_id: ObjectId('6729baf96439193cff0d8196'),

name: 'S',

age: '20',

profession: 'Testing'

},

{

\_id: ObjectId('6729baf96439193cff0d8197'),

name: 'abey',

profession: 'Testing'

},

{

\_id: ObjectId('6729baf96439193cff0d8198'),

name: 'Nihal',

age: '39'

}

]

newname> db.mycollect.find({ name: { $ne: "Testing" } })

[

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22',

profession: 'Student'

},

{

\_id: ObjectId('6729b2846439193cff0d8191'),

name: 'Kwezera',

age: '25',

profession: 'Student'

},

{

\_id: ObjectId('6729b2906439193cff0d8192'),

name: 'Sharon',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8193'),

name: 'S',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8194'),

name: 'abey',

profession: 'student'

},

{

\_id: ObjectId('6729b3996439193cff0d8195'),

name: 'Nihal',

age: '30'

},

{

\_id: ObjectId('6729baf96439193cff0d8196'),

name: 'S',

age: '20',

profession: 'Testing'

},

{

\_id: ObjectId('6729baf96439193cff0d8197'),

name: 'abey',

profession: 'Testing'

},

{

\_id: ObjectId('6729baf96439193cff0d8198'),

name: 'Nihal',

age: '39'

}

]

newname> db.mycollect.find().limit(2)

[

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22',

profession: 'Student'

},

{

\_id: ObjectId('6729b2846439193cff0d8191'),

name: 'Kwezera',

age: '25',

profession: 'Student'

}

]

newname> db.mycollect.find().sort($desc:name)

Uncaught:

SyntaxError: Unexpected token, expected "," (1:30)

> 1 | db.mycollect.find().sort($desc:name)

| ^

2 |

newname> db.mycollect.find().sort(name:-1)

Uncaught:

SyntaxError: Unexpected token, expected "," (1:29)

> 1 | db.mycollect.find().sort(name:-1)

| ^

2 |

newname> db.mycollect.find().sort({name:-1})

[

{

\_id: ObjectId('6729b3996439193cff0d8194'),

name: 'abey',

profession: 'student'

},

{

\_id: ObjectId('6729baf96439193cff0d8197'),

name: 'abey',

profession: 'Testing'

},

{

\_id: ObjectId('6729b2906439193cff0d8192'),

name: 'Sharon',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8193'),

name: 'S',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729baf96439193cff0d8196'),

name: 'S',

age: '20',

profession: 'Testing'

},

{

\_id: ObjectId('6729b3996439193cff0d8195'),

name: 'Nihal',

age: '30'

},

{

\_id: ObjectId('6729baf96439193cff0d8198'),

name: 'Nihal',

age: '39'

},

{

\_id: ObjectId('6729b2846439193cff0d8191'),

name: 'Kwezera',

age: '25',

profession: 'Student'

}

]

newname> db.mycollect.find().sort({name:-1}).limit(2)

[

{

\_id: ObjectId('6729baf96439193cff0d8197'),

name: 'abey',

profession: 'Testing'

},

{

\_id: ObjectId('6729b3996439193cff0d8194'),

name: 'abey',

profession: 'student'

}

]

newname> db.mycollect.find().sort({age:-1}).limit(2)

[

{

\_id: ObjectId('6729baf96439193cff0d8198'),

name: 'Nihal',

age: '39'

},

{

\_id: ObjectId('6729b3996439193cff0d8195'),

name: 'Nihal',

age: '30'

}

]

newname> db.mycollect.find().sort({age:-1})

[

{

\_id: ObjectId('6729baf96439193cff0d8198'),

name: 'Nihal',

age: '39'

},

{

\_id: ObjectId('6729b3996439193cff0d8195'),

name: 'Nihal',

age: '30'

},

{

\_id: ObjectId('6729b2846439193cff0d8191'),

name: 'Kwezera',

age: '25',

profession: 'Student'

},

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22',

profession: 'Student'

},

{

\_id: ObjectId('6729b2906439193cff0d8192'),

name: 'Sharon',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8193'),

name: 'S',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729baf96439193cff0d8196'),

name: 'S',

age: '20',

profession: 'Testing'

},

{

\_id: ObjectId('6729b3996439193cff0d8194'),

name: 'abey',

profession: 'student'

},

{

\_id: ObjectId('6729baf96439193cff0d8197'),

name: 'abey',

profession: 'Testing'

}

]

newname> db.mycollect.find().sort(age:)

Uncaught:

SyntaxError: Unexpected token, expected "," (1:28)

> 1 | db.mycollect.find().sort(age:)

| ^

2 |

newname> db.mycollect.find().sort({age:})

Uncaught:

SyntaxError: Unexpected token (1:30)

> 1 | db.mycollect.find().sort({age:})

| ^

2 |

newname> db.mycollect.find().sort({age})

ReferenceError: age is not defined

newname> db.mycollect.find().sort({age:1})

[

{

\_id: ObjectId('6729b3996439193cff0d8194'),

name: 'abey',

profession: 'student'

},

{

\_id: ObjectId('6729baf96439193cff0d8197'),

name: 'abey',

profession: 'Testing'

},

{

\_id: ObjectId('6729b2906439193cff0d8192'),

name: 'Sharon',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8193'),

name: 'S',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729baf96439193cff0d8196'),

name: 'S',

age: '20',

profession: 'Testing'

},

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22',

profession: 'Student'

},

{

\_id: ObjectId('6729b2846439193cff0d8191'),

name: 'Kwezera',

age: '25',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8195'),

name: 'Nihal',

age: '30'

},

{

\_id: ObjectId('6729baf96439193cff0d8198'),

name: 'Nihal',

age: '39'

}

]

newname> db.mycollect.find().sort({age:-1})

[

{

\_id: ObjectId('6729baf96439193cff0d8198'),

name: 'Nihal',

age: '39'

},

{

\_id: ObjectId('6729b3996439193cff0d8195'),

name: 'Nihal',

age: '30'

},

{

\_id: ObjectId('6729b2846439193cff0d8191'),

name: 'Kwezera',

age: '25',

profession: 'Student'

},

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22',

profession: 'Student'

},

{

\_id: ObjectId('6729b2906439193cff0d8192'),

name: 'Sharon',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8193'),

name: 'S',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729baf96439193cff0d8196'),

name: 'S',

age: '20',

profession: 'Testing'

},

{

\_id: ObjectId('6729b3996439193cff0d8194'),

name: 'abey',

profession: 'student'

},

{

\_id: ObjectId('6729baf96439193cff0d8197'),

name: 'abey',

profession: 'Testing'

}

]

newname> db.mycollect.find().sort({age:1})

[

{

\_id: ObjectId('6729b3996439193cff0d8194'),

name: 'abey',

profession: 'student'

},

{

\_id: ObjectId('6729baf96439193cff0d8197'),

name: 'abey',

profession: 'Testing'

},

{

\_id: ObjectId('6729b2906439193cff0d8192'),

name: 'Sharon',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8193'),

name: 'S',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729baf96439193cff0d8196'),

name: 'S',

age: '20',

profession: 'Testing'

},

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22',

profession: 'Student'

},

{

\_id: ObjectId('6729b2846439193cff0d8191'),

name: 'Kwezera',

age: '25',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8195'),

name: 'Nihal',

age: '30'

},

{

\_id: ObjectId('6729baf96439193cff0d8198'),

name: 'Nihal',

age: '39'

}

]

newname> db.mycollect.find().sort({[age:1].sort({name:-1})})

Uncaught:

SyntaxError: Unexpected token, expected "]" (1:30)

> 1 | db.mycollect.find().sort({[age:1].sort({name:-1})})

| ^

2 |

newname> db.mycollect.find().sort({age:1},{name:-1})

[

{

\_id: ObjectId('6729b3996439193cff0d8194'),

name: 'abey',

profession: 'student'

},

{

\_id: ObjectId('6729baf96439193cff0d8197'),

name: 'abey',

profession: 'Testing'

},

{

\_id: ObjectId('6729b2906439193cff0d8192'),

name: 'Sharon',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8193'),

name: 'S',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729baf96439193cff0d8196'),

name: 'S',

age: '20',

profession: 'Testing'

},

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22',

profession: 'Student'

},

{

\_id: ObjectId('6729b2846439193cff0d8191'),

name: 'Kwezera',

age: '25',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8195'),

name: 'Nihal',

age: '30'

},

{

\_id: ObjectId('6729baf96439193cff0d8198'),

name: 'Nihal',

age: '39'

}

]

newname> db.mycollect.find().sort({age:1,name:-1})

[

{

\_id: ObjectId('6729b3996439193cff0d8194'),

name: 'abey',

profession: 'student'

},

{

\_id: ObjectId('6729baf96439193cff0d8197'),

name: 'abey',

profession: 'Testing'

},

{

\_id: ObjectId('6729b2906439193cff0d8192'),

name: 'Sharon',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8193'),

name: 'S',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729baf96439193cff0d8196'),

name: 'S',

age: '20',

profession: 'Testing'

},

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22',

profession: 'Student'

},

{

\_id: ObjectId('6729b2846439193cff0d8191'),

name: 'Kwezera',

age: '25',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8195'),

name: 'Nihal',

age: '30'

},

{

\_id: ObjectId('6729baf96439193cff0d8198'),

name: 'Nihal',

age: '39'

}

]

newname> db.mycollect.find().limit(2)

[

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22',

profession: 'Student'

},

{

\_id: ObjectId('6729b2846439193cff0d8191'),

name: 'Kwezera',

age: '25',

profession: 'Student'

}

]

newname> db.mycollect.find().limit(-2)

[

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22',

profession: 'Student'

},

{

\_id: ObjectId('6729b2846439193cff0d8191'),

name: 'Kwezera',

age: '25',

profession: 'Student'

}

]

newname> db.mycollect.find().skip(2)

[

{

\_id: ObjectId('6729b2906439193cff0d8192'),

name: 'Sharon',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8193'),

name: 'S',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8194'),

name: 'abey',

profession: 'student'

},

{

\_id: ObjectId('6729b3996439193cff0d8195'),

name: 'Nihal',

age: '30'

},

{

\_id: ObjectId('6729baf96439193cff0d8196'),

name: 'S',

age: '20',

profession: 'Testing'

},

{

\_id: ObjectId('6729baf96439193cff0d8197'),

name: 'abey',

profession: 'Testing'

},

{

\_id: ObjectId('6729baf96439193cff0d8198'),

name: 'Nihal',

age: '39'

}

]

newname> db.mycollect.find().skip(2).limit(3)

[

{

\_id: ObjectId('6729b2906439193cff0d8192'),

name: 'Sharon',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8193'),

name: 'S',

age: '20',

profession: 'Student'

},

{

\_id: ObjectId('6729b3996439193cff0d8194'),

name: 'abey',

profession: 'student'

}

]

newname> db.mycollect.find({name:'sa'})

newname> db.mycollect.find({name:'/^ME/i'})

newname> db.mycollect.find({name:'/^SA/i'})

newname> db.mycollect.find({name:'/^sa/i'})

newname> db.mycollect.find({name:'/^Sa/i'})

newname> db.mycollect.find({name:'/^SA/i'})

newname> db.mycollect.find({name:'/^ab/i'})

newname> db.mycollect.find({name:"sarath"},{name:1,age:1})

newname> db.mycollect.find({name:"Sarath"},{name:1,age:1})

[

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22'

}

]

newname> db.mycollect.find({name:"Sarath"},{name:1,age:0,profession:1})

MongoServerError[Location31254]: Cannot do exclusion on field age in inclusion projection

newname> db.mycollect.find({name:"Sarath"},{name:1,profession:1})

[

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

profession: 'Student'

}

]

newname> db.mycollect.find({name:1,age:1,profession:1})

newname> db.mycollect.find({name:1}{name:1,age:1,profession:1})

Uncaught:

SyntaxError: Unexpected token, expected "," (1:26)

> 1 | db.mycollect.find({name:1}{name:1,age:1,profession:1})

| ^

2 |

newname> db.mycollect.find({age:{$exists:true}},{name:1,age:1})

[

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22'

},

{

\_id: ObjectId('6729b2846439193cff0d8191'),

name: 'Kwezera',

age: '25'

},

{

\_id: ObjectId('6729b2906439193cff0d8192'),

name: 'Sharon',

age: '20'

},

{ \_id: ObjectId('6729b3996439193cff0d8193'), name: 'S', age: '20' },

{

\_id: ObjectId('6729b3996439193cff0d8195'),

name: 'Nihal',

age: '30'

},

{ \_id: ObjectId('6729baf96439193cff0d8196'), name: 'S', age: '20' },

{

\_id: ObjectId('6729baf96439193cff0d8198'),

name: 'Nihal',

age: '39'

}

]

newname> db.mycollect.updateOne({age:22},{$set:{age:24}})

{

acknowledged: true,

insertedId: null,

matchedCount: 0,

modifiedCount: 0,

upsertedCount: 0

}

newname> db.mycollect.updateOne({age:23},{$set:{age:24}})

{

acknowledged: true,

insertedId: null,

matchedCount: 0,

modifiedCount: 0,

upsertedCount: 0

}

newname> db.mycollect.updateOne({age:'23'},{$set:{age:'24'}})

{

acknowledged: true,

insertedId: null,

matchedCount: 0,

modifiedCount: 0,

upsertedCount: 0

}

newname> db.mycollect.find({ age: 22 })

newname> db.mycollect.find({ age: "22"})

[

{

\_id: ObjectId('6729b2486439193cff0d8190'),

name: 'Sarath',

age: '22',

profession: 'Student'

}

]

newname> db.mycollect.updateOne({age:"22"},{$set:{age:"24"}})

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

newname> db.mycollect.updateOne({name:"Sarath"},{$unset:{age:""})

Uncaught:

SyntaxError: Unexpected token, expected "," (1:55)

> 1 | db.mycollect.updateOne({name:"Sarath"},{$unset:{age:""})

| ^

2 |

newname> db.mycollect.updateOne({name:"Sarath"},{$unset:{age:""}})

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

newname> db.mycollect.updateMany({profession:{$exists:true}},{$unset:{profession:""}}}

Uncaught:

SyntaxError: Unexpected token, expected "," (1:76)

> 1 | db.mycollect.updateMany({profession:{$exists:true}},{$unset:{profession:""}}}

| ^

2 |

newname> db.mycollect.updateMany({profession:{$exists:true}},{$unset:{profession:""}}})

Uncaught:

SyntaxError: Unexpected token, expected "," (1:76)

> 1 | db.mycollect.updateMany({profession:{$exists:true}},{$unset:{profession:""}}})

| ^

2 |

newname> db.mycollect.updateMany({profession:{$exists:true}},{$unset:{profession:""}})

{

acknowledged: true,

insertedId: null,

matchedCount: 7,

modifiedCount: 7,

upsertedCount: 0

}

newname> db.mycollect.updateOne({name:{$rename:"FirstName"}})

MongoInvalidArgumentError: Update document requires atomic operators

newname> db.mycollect.updateOne({name:"Sarath"{$rename:{name:"Sarath Chandran M"}}})

Uncaught:

SyntaxError: Unexpected token, expected "," (1:37)

> 1 | db.mycollect.updateOne({name:"Sarath"{$rename:{name:"Sarath Chandran M"}}})

| ^

2 |

newname> db.mycollect.updateOne({name:"Sarath"},{$rename:{name:"Sarath Chandran M"}})

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

newname> db.mycollect.updateOne({name:"Sarath"},{$push:{hobbies:"games"}})

{

acknowledged: true,

insertedId: null,

matchedCount: 0,

modifiedCount: 0,

upsertedCount: 0

}

newname> db.mycollect.updateOne({name:"Sarath Chandran M"},{$push:{hobbies:"games"}})

{

acknowledged: true,

insertedId: null,

matchedCount: 0,

modifiedCount: 0,

upsertedCount: 0

}

newname> db.mycollect.updateOne(

... { name: "Sarath Chandran M" },

... { $addToSet: { hobbies: "games" } }

... )

{

acknowledged: true,

insertedId: null,

matchedCount: 0,

modifiedCount: 0,

upsertedCount: 0

}

newname> db.mycollect.updateOne({name:"Sarath Chandran M"},{$push:{hobbies:"games"}})

{

acknowledged: true,

insertedId: null,

matchedCount: 0,

modifiedCount: 0,

upsertedCount: 0

}

newname> db.mycollect.updateOne({name:"abey"},{$push:{hobbies:{$each:["games","Gardening"]}}})

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

newname> db.mycollect.updateOne({name:"abey"},{$pull:{hobbies:"games","Gardening"}})

Uncaught:

SyntaxError: Unexpected token (1:72)

> 1 | db.mycollect.updateOne({name:"abey"},{$pull:{hobbies:"games","Gardening"}})

| ^

2 |

newname> db.mycollect.updateOne({name:"abey"},{$pull:{hobbies:"games"}})

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

newname>