test> show db

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

test> show dbs

admin 40.00 KiB

config 108.00 KiB

lab2 104.00 KiB

local 96.00 KiB

test 80.00 KiB

test> use lab2

switched to db lab2

lab2> show collections

student

Student

students

lab2> use demodb

switched to db demodb

demodb> db.createCollection("students")

{ ok: 1 }

demodb> show collections

students

demodb> db

demodb

demodb> db.st

db.stats db.students

demodb> db.students.insertOne({"roll":1,"name":"pavan","marks":35})

{

acknowledged: true,

insertedId: ObjectId("654b227ba5c08a3e7789d3f1")

}

demodb> db.st

db.stats db.students

demodb> db.students.find()

[

{

\_id: ObjectId("654b227ba5c08a3e7789d3f1"),

roll: 1,

name: 'pavan',

marks: 35

}

]

demodb> db.students.insertOne({\_id:1,"roll":2,"name":"pavan1","marks":35})

{ acknowledged: true, insertedId: 1 }

demodb> db.students.find()

[

{

\_id: ObjectId("654b227ba5c08a3e7789d3f1"),

roll: 1,

name: 'pavan',

marks: 35

},

{ \_id: 1, roll: 2, name: 'pavan1', marks: 35 }

]

demodb> db.students.insertMany([{"name":"praveen","marks":60,{"name":"akash","marks":70},{"name":"ashok","marks":100}])

Uncaught:

SyntaxError: Unexpected token (1:53)

> 1 | db.students.insertMany([{"name":"praveen","marks":60,{"name":"akash","marks":70},{"name":"ashok","marks":100}])

| ^

2 |

demodb> db.students.insertMany([{"name":"praveen","marks":60},{"name":"akash","marks":70},{"name":"ashok","marks":100}])

{

acknowledged: true,

insertedIds: {

'0': ObjectId("654b2343a5c08a3e7789d3f2"),

'1': ObjectId("654b2343a5c08a3e7789d3f3"),

'2': ObjectId("654b2343a5c08a3e7789d3f4")

}

}

demodb> db.students.find()

[

{

\_id: ObjectId("654b227ba5c08a3e7789d3f1"),

roll: 1,

name: 'pavan',

marks: 35

},

{ \_id: 1, roll: 2, name: 'pavan1', marks: 35 },

{

\_id: ObjectId("654b2343a5c08a3e7789d3f2"),

name: 'praveen',

marks: 60

},

{

\_id: ObjectId("654b2343a5c08a3e7789d3f3"),

name: 'akash',

marks: 70

},

{

\_id: ObjectId("654b2343a5c08a3e7789d3f4"),

name: 'ashok',

marks: 100

}

]

demodb> db.students.findOne({marks:{$gt:60}})

{ \_id: ObjectId("654b2343a5c08a3e7789d3f3"), name: 'akash', marks: 70 }

demodb> db.students.find({marks:{$gt:60}})

[

{

\_id: ObjectId("654b2343a5c08a3e7789d3f3"),

name: 'akash',

marks: 70

},

{

\_id: ObjectId("654b2343a5c08a3e7789d3f4"),

name: 'ashok',

marks: 100

}

]

demodb> db.students.updateOne({marks:35},set:{marks:65})

Uncaught:

SyntaxError: Unexpected token, expected "," (1:36)

> 1 | db.students.updateOne({marks:35},set:{marks:65})

| ^

2 |

demodb> db.students.updateOne({marks:35,set:{marks:65}})

MongoInvalidArgumentError: Update document requires atomic operators

demodb> db.students.updateOne({marks:35},{$set:{marks:65}})

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

demodb> db.students.find({marks:{$gt:60}})

[

{

\_id: ObjectId("654b227ba5c08a3e7789d3f1"),

roll: 1,

name: 'pavan',

marks: 65

},

{

\_id: ObjectId("654b2343a5c08a3e7789d3f3"),

name: 'akash',

marks: 70

},

{

\_id: ObjectId("654b2343a5c08a3e7789d3f4"),

name: 'ashok',

marks: 100

}

]

demodb> db.students.updateOne({marks:{$gt:60}},{$set:{marks:0}})

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

demodb> db.students.find({marks:{$gt:60}})

[

{

\_id: ObjectId("654b2343a5c08a3e7789d3f3"),

name: 'akash',

marks: 70

},

{

\_id: ObjectId("654b2343a5c08a3e7789d3f4"),

name: 'ashok',

marks: 100

}

]

demodb> db.students.find({})

[

{

\_id: ObjectId("654b227ba5c08a3e7789d3f1"),

roll: 1,

name: 'pavan',

marks: 0

},

{ \_id: 1, roll: 2, name: 'pavan1', marks: 35 },

{

\_id: ObjectId("654b2343a5c08a3e7789d3f2"),

name: 'praveen',

marks: 60

},

{

\_id: ObjectId("654b2343a5c08a3e7789d3f3"),

name: 'akash',

marks: 70

},

{

\_id: ObjectId("654b2343a5c08a3e7789d3f4"),

name: 'ashok',

marks: 100

}

]

demodb> db.students.updateMany({marks:{$gt:60}},{$set:{marks:0}})

{

acknowledged: true,

insertedId: null,

matchedCount: 2,

modifiedCount: 2,

upsertedCount: 0

}

demodb> db.students.find({})

[

{

\_id: ObjectId("654b227ba5c08a3e7789d3f1"),

roll: 1,

name: 'pavan',

marks: 0

},

{ \_id: 1, roll: 2, name: 'pavan1', marks: 35 },

{

\_id: ObjectId("654b2343a5c08a3e7789d3f2"),

name: 'praveen',

marks: 60

},

{

\_id: ObjectId("654b2343a5c08a3e7789d3f3"),

name: 'akash',

marks: 0

},

{

\_id: ObjectId("654b2343a5c08a3e7789d3f4"),

name: 'ashok',

marks: 0

}

]

demodb> db.students.deleteOne({marks:0})

{ acknowledged: true, deletedCount: 1 }

demodb> db.students.find({})

[

{ \_id: 1, roll: 2, name: 'pavan1', marks: 35 },

{

\_id: ObjectId("654b2343a5c08a3e7789d3f2"),

name: 'praveen',

marks: 60

},

{

\_id: ObjectId("654b2343a5c08a3e7789d3f3"),

name: 'akash',

marks: 0

},

{

\_id: ObjectId("654b2343a5c08a3e7789d3f4"),

name: 'ashok',

marks: 0

}

]

demodb> db.students.deleteMany({})

{ acknowledged: true, deletedCount: 4 }

demodb>