Mongodb

Microsoft Windows [Version 10.0.19044.2006]

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C:\Users\q>mongo

MongoDB shell version v4.4.15

connecting to: mongodb://127.0.0.1:27017/?compressors=disabled&gssapiServiceName=mongodb

Implicit session: session { "id" : UUID("1e99b6b3-dd74-4e16-a9d9-15682d0ab0dc") }

MongoDB server version: 4.4.15

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The server generated these startup warnings when booting:

2022-10-05T11:28:20.684+05:30: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted

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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 college;

switched to db college

> show dbs;

admin 0.000GB

config 0.000GB

hospital\_crm 0.000GB

htg 0.000GB

local 0.000GB

test 0.000GB

university() 0.000GB

> db.createCollection("student");

{ "ok" : 1 }

> show dbs;

admin 0.000GB

college 0.000GB

config 0.000GB

hospital\_crm 0.000GB

htg 0.000GB

local 0.000GB

test 0.000GB

university() 0.000GB

> db.student.insert({name:"vikas"});

WriteResult({ "nInserted" : 1 })

> db.find();

uncaught exception: TypeError: db.find is not a function :

@(shell):1:1

> db.student.find();

{ "\_id" : ObjectId("634128b41f3898a2ed648695"), "name" : "vikas" }

> db.student.insert({name:"Hritik",age:20,country:"india"});

WriteResult({ "nInserted" : 1 })

> db.student.find();

{ "\_id" : ObjectId("634128b41f3898a2ed648695"), "name" : "vikas" }

{ "\_id" : ObjectId("6341291f1f3898a2ed648696"), "name" : "Hritik", "age" : 20, "country" : "india" }

> db.student.insert({name:"jeet",age:23,skills:["html","css","javascript"]});

WriteResult({ "nInserted" : 1 })

> db.student.find();

{ "\_id" : ObjectId("634128b41f3898a2ed648695"), "name" : "vikas" }

{ "\_id" : ObjectId("6341291f1f3898a2ed648696"), "name" : "Hritik", "age" : 20, "country" : "india" }

{ "\_id" : ObjectId("63412d231f3898a2ed648697"), "name" : "jeet", "age" : 23, "skills" : [ "html", "css", "javascript" ] }

> db.student.find().preety();

uncaught exception: TypeError: db.student.find(...).preety is not a function :

@(shell):1:1

> db.student.find().prety();

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uncaught exception: TypeError: db.student.find.preety is not a function :

@(shell):1:1

> db.student.find().preety();

uncaught exception: TypeError: db.student.find(...).preety is not a function :

@(shell):1:1

> db.student.find().pretty();

{ "\_id" : ObjectId("634128b41f3898a2ed648695"), "name" : "vikas" }

{

"\_id" : ObjectId("6341291f1f3898a2ed648696"),

"name" : "Hritik",

"age" : 20,

"country" : "india"

}

{

"\_id" : ObjectId("63412d231f3898a2ed648697"),

"name" : "jeet",

"age" : 23,

"skills" : [

"html",

"css",

"javascript"

]

}

> db.student.insert({name:"abheejeet",age:23,skills:["html","css","javascript","sql"], address: { });

... house\_no: '123',

... sector: '50',

... city: 'noida'

...

... ^C

> db.student.insert({name:"abhijeet",age:23,skills:["html","css","javascript","sql"],address:{h\_no:123,sector:50,city:"noida"}});

WriteResult({ "nInserted" : 1 })

> db.student.find().pretty();

{ "\_id" : ObjectId("634128b41f3898a2ed648695"), "name" : "vikas" }

{

"\_id" : ObjectId("6341291f1f3898a2ed648696"),

"name" : "Hritik",

"age" : 20,

"country" : "india"

}

{

"\_id" : ObjectId("63412d231f3898a2ed648697"),

"name" : "jeet",

"age" : 23,

"skills" : [

"html",

"css",

"javascript"

]

}

{

"\_id" : ObjectId("63412e531f3898a2ed648698"),

"name" : "abhijeet",

"age" : 23,

"skills" : [

"html",

"css",

"javascript",

"sql"

],

"address" : {

"h\_no" : 123,

"sector" : 50,

"city" : "noida"

}

}

> db.student.insert({name:"anuja",age:22,skills:["html","css","javascript","sql","jquery"],address:{h\_no:12,sector:50,city:"africa"},grades:[]{exam:"unit test1",score:60}{exam:"unit test 2",score:71}});

uncaught exception: SyntaxError: missing } after property list :

@(shell):1:140

> db.student.insert({name:"anuja",age:22,skills:["html","css","javascript","sql","jquery"],address:{h\_no:12,sector:50,city:"africa"},grades:[{exam:"unit test1",score:60}{exam:"unit test 2",score:71}]});

uncaught exception: SyntaxError: missing ] after element list :

@(shell):1:167

> db.student.insert({name:"anuja",age:22,skills:["html","css","javascript","sql","jquery"],address:{h\_no:12,sector:50,city:"africa"},grades:[{exam:"unit test1",score:60},{exam:"unit test 2",score:71}]});

WriteResult({ "nInserted" : 1 })

> db.student.find().pretty();

{ "\_id" : ObjectId("634128b41f3898a2ed648695"), "name" : "vikas" }

{

"\_id" : ObjectId("6341291f1f3898a2ed648696"),

"name" : "Hritik",

"age" : 20,

"country" : "india"

}

{

"\_id" : ObjectId("63412d231f3898a2ed648697"),

"name" : "jeet",

"age" : 23,

"skills" : [

"html",

"css",

"javascript"

]

}

{

"\_id" : ObjectId("63412e531f3898a2ed648698"),

"name" : "abhijeet",

"age" : 23,

"skills" : [

"html",

"css",

"javascript",

"sql"

],

"address" : {

"h\_no" : 123,

"sector" : 50,

"city" : "noida"

}

}

{

"\_id" : ObjectId("6341303d1f3898a2ed648699"),

"name" : "anuja",

"age" : 22,

"skills" : [

"html",

"css",

"javascript",

"sql",

"jquery"

],

"address" : {

"h\_no" : 12,

"sector" : 50,

"city" : "africa"

},

"grades" : [

{

"exam" : "unit test1",

"score" : 60

},

{

"exam" : "unit test 2",

"score" : 71

}

]

}

> db.student.find(name:"jeet");

uncaught exception: SyntaxError: missing ) after argument list :

@(shell):1:20

> db.student.find({name:"jeet"});

{ "\_id" : ObjectId("63412d231f3898a2ed648697"), "name" : "jeet", "age" : 23, "skills" : [ "html", "css", "javascript" ] }

> db.student.find({name:"jeet"}).pretty();

{

"\_id" : ObjectId("63412d231f3898a2ed648697"),

"name" : "jeet",

"age" : 23,

"skills" : [

"html",

"css",

"javascript"

]

}

> db.student.find({score:{$gt:50}}).pretty();

> db.student.find({exam:"unit test1" score:{$gt:50}}).pretty();

uncaught exception: SyntaxError: missing } after property list :

@(shell):1:35

> db.student.find({exam:"unit test1",score:{$gt:50}}).pretty();

> db.student.find();

{ "\_id" : ObjectId("634128b41f3898a2ed648695"), "name" : "vikas" }

{ "\_id" : ObjectId("6341291f1f3898a2ed648696"), "name" : "Hritik", "age" : 20, "country" : "india" }

{ "\_id" : ObjectId("63412d231f3898a2ed648697"), "name" : "jeet", "age" : 23, "skills" : [ "html", "css", "javascript" ] }

{ "\_id" : ObjectId("63412e531f3898a2ed648698"), "name" : "abhijeet", "age" : 23, "skills" : [ "html", "css", "javascript", "sql" ], "address" : { "h\_no" : 123, "sector" : 50, "city" : "noida" } }

{ "\_id" : ObjectId("6341303d1f3898a2ed648699"), "name" : "anuja", "age" : 22, "skills" : [ "html", "css", "javascript", "sql", "jquery" ], "address" : { "h\_no" : 12, "sector" : 50, "city" : "africa" }, "grades" : [ { "exam" : "unit test1", "score" : 60 }, { "exam" : "unit test 2", "score" : 71 } ] }

> db.student.find().pretty();

{ "\_id" : ObjectId("634128b41f3898a2ed648695"), "name" : "vikas" }

{

"\_id" : ObjectId("6341291f1f3898a2ed648696"),

"name" : "Hritik",

"age" : 20,

"country" : "india"

}

{

"\_id" : ObjectId("63412d231f3898a2ed648697"),

"name" : "jeet",

"age" : 23,

"skills" : [

"html",

"css",

"javascript"

]

}

{

"\_id" : ObjectId("63412e531f3898a2ed648698"),

"name" : "abhijeet",

"age" : 23,

"skills" : [

"html",

"css",

"javascript",

"sql"

],

"address" : {

"h\_no" : 123,

"sector" : 50,

"city" : "noida"

}

}

{

"\_id" : ObjectId("6341303d1f3898a2ed648699"),

"name" : "anuja",

"age" : 22,

"skills" : [

"html",

"css",

"javascript",

"sql",

"jquery"

],

"address" : {

"h\_no" : 12,

"sector" : 50,

"city" : "africa"

},

"grades" : [

{

"exam" : "unit test1",

"score" : 60

},

{

"exam" : "unit test 2",

"score" : 71

}

]

}

> db.student.update({name:"vikas",{$set:{age:25}};

...

... ;

... ^C

> db.student.find().pretty();

{ "\_id" : ObjectId("634128b41f3898a2ed648695"), "name" : "vikas" }

{

"\_id" : ObjectId("6341291f1f3898a2ed648696"),

"name" : "Hritik",

"age" : 20,

"country" : "india"

}

{

"\_id" : ObjectId("63412d231f3898a2ed648697"),

"name" : "jeet",

"age" : 23,

"skills" : [

"html",

"css",

"javascript"

]

}

{

"\_id" : ObjectId("63412e531f3898a2ed648698"),

"name" : "abhijeet",

"age" : 23,

"skills" : [

"html",

"css",

"javascript",

"sql"

],

"address" : {

"h\_no" : 123,

"sector" : 50,

"city" : "noida"

}

}

{

"\_id" : ObjectId("6341303d1f3898a2ed648699"),

"name" : "anuja",

"age" : 22,

"skills" : [

"html",

"css",

"javascript",

"sql",

"jquery"

],

"address" : {

"h\_no" : 12,

"sector" : 50,

"city" : "africa"

},

"grades" : [

{

"exam" : "unit test1",

"score" : 60

},

{

"exam" : "unit test 2",

"score" : 71

}

]

}

> db.student.update({"name":"Hritik"},{$set:{"name":"harry"}};

... ;

... ^C

> db.student.update({"name":"Hritik"},{$set:{"name":"harry"}})

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })

> db.student.find().pretty();

{ "\_id" : ObjectId("634128b41f3898a2ed648695"), "name" : "vikas" }

{

"\_id" : ObjectId("6341291f1f3898a2ed648696"),

"name" : "harry",

"age" : 20,

"country" : "india"

}

{

"\_id" : ObjectId("63412d231f3898a2ed648697"),

"name" : "jeet",

"age" : 23,

"skills" : [

"html",

"css",

"javascript"

]

}

{

"\_id" : ObjectId("63412e531f3898a2ed648698"),

"name" : "abhijeet",

"age" : 23,

"skills" : [

"html",

"css",

"javascript",

"sql"

],

"address" : {

"h\_no" : 123,

"sector" : 50,

"city" : "noida"

}

}

{

"\_id" : ObjectId("6341303d1f3898a2ed648699"),

"name" : "anuja",

"age" : 22,

"skills" : [

"html",

"css",

"javascript",

"sql",

"jquery"

],

"address" : {

"h\_no" : 12,

"sector" : 50,

"city" : "africa"

},

"grades" : [

{

"exam" : "unit test1",

"score" : 60

},

{

"exam" : "unit test 2",

"score" : 71

}

]

}

> db.student.delete({name:"vikas"})

uncaught exception: TypeError: db.student.delete is not a function :

@(shell):1:1

> db.student.deleteOne({name:"vikas"})

{ "acknowledged" : true, "deletedCount" : 1 }

> db.student.find().pretty();

{

"\_id" : ObjectId("6341291f1f3898a2ed648696"),

"name" : "harry",

"age" : 20,

"country" : "india"

}

{

"\_id" : ObjectId("63412d231f3898a2ed648697"),

"name" : "jeet",

"age" : 23,

"skills" : [

"html",

"css",

"javascript"

]

}

{

"\_id" : ObjectId("63412e531f3898a2ed648698"),

"name" : "abhijeet",

"age" : 23,

"skills" : [

"html",

"css",

"javascript",

"sql"

],

"address" : {

"h\_no" : 123,

"sector" : 50,

"city" : "noida"

}

}

{

"\_id" : ObjectId("6341303d1f3898a2ed648699"),

"name" : "anuja",

"age" : 22,

"skills" : [

"html",

"css",

"javascript",

"sql",

"jquery"

],

"address" : {

"h\_no" : 12,

"sector" : 50,

"city" : "africa"

},

"grades" : [

{

"exam" : "unit test1",

"score" : 60

},

{

"exam" : "unit test 2",

"score" : 71

}

]

}

>