

USN : 1BM20CS195

```
Q bmsce@bmsce-Precision-T1700: ~
bmsce@bmsce-Precision-T1700: $ mongosh
Command 'mongosh' not found, did you mean:
  command 'mongos' from deb mongodb-server-core (1:3.6.9+really3.6.8+90-g8e540c0b6d-0ubuntu2)
Try: sudo apt install <deb name>

bmsce@bmsce-Precision-T1700: ~$ mongo
MongoDB shell version v3.6.8
connecting to: mongodb://127.0.0.1:27017
Implicit session: session { "id" : UUID("8d03c8c9-856f-44e0-ae9b-06b89b13166c") }
MongoDB server version: 3.6.8
Server has startup warnings:
2023-04-01T09:07:22.204+0530 I STORAGE [initandlisten] ** WARNING: Using the XFS filesystem is strongly recommended with the WiredTiger storage engine
2023-04-01T09:07:22.204+0530 I STORAGE [initandlisten] ** See http://dochub.mongodb.org/core/prodnotes-filesystem
2023-04-01T09:07:31.163+0530 I CONTROL [initandlisten] ** WARNING: Access control is not enabled for the database.
2023-04-01T09:07:31.163+0530 I CONTROL [initandlisten] ** Read and write access to data and configuration is unrestricted.
2023-04-01T09:07:31.163+0530 I CONTROL [initandlisten]
> use myDB
switched to db myDB
> db
myDB
> show dbs
048 0.000GB
Stud 0.000GB
admin 0.000GB
collegeDB 0.000GB
company 0.000GB
config 0.000GB
dhruvd 0.000GB
local 0.000GB
mitdb 0.000GB
myDB 0.000GB
mybdalab 0.000GB
ranya 0.000GB
ranyaDB 0.000GB
studdb 0.000GB
student 0.000GB
students 0.000GB
test 0.000GB
> db.createCollection("student");
{
  "ok" : 0,
  "errmsg" : "a collection 'myDB.student' already exists",
  "code" : 48,
  "codeName" : "NamespaceExists"
}
> use 1bm20cs195
switched to db 1bm20cs195
> db
1bm20cs195
> show dbs
048 0.000GB
```



```

> show dbs
048      0.000GB
Stud     0.000GB
admin    0.000GB
collegeDB 0.000GB
company  0.000GB
config   0.000GB
dhruvd   0.000GB
local    0.000GB
mitdb    0.000GB
myDB     0.000GB
mybdalab 0.000GB
ramya    0.000GB
ramyaDB  0.000GB
studdb   0.000GB
student  0.000GB
students 0.000GB
test     0.000GB
> db.createCollection("Student");
{ "ok" : 1 }
> db.Student.drop();
true
> db.Student.insert({_id:1,StudName:"MIchelleJacinth",Grade:"VII"},{$set:{Hobbies:"Skatin9"}},{upsert:true});
2023-04-01T09:37:16.425+0530 E QUERY [thread1] SyntaxError: missing ) after argument list @(shell):1:105
> db.Student.insert({_id:1,StudName:"MIchelleJacinth",Grade:"VII"},{$set:{Hobbies:"internetsurfing"}});
...
> db.createCollection("Student");
{ "ok" : 1 }
> db.Student.insert({_id:1,StudName:"MIchelleJacinth",Grade:"VII"},{$set:{Hobbies:"Skatin9"}},{upsert:true});
2023-04-01T09:40:01.572+0530 E QUERY [thread1] SyntaxError: missing ) after argument list @(shell):1:105
> db.Student.insert({_id:1,StudName:"MIchelleJacinth",Grade:"VII",Hobbies:"Skatin9"}},{upsert:true});
2023-04-01T09:40:33.025+0530 E QUERY [thread1] SyntaxError: missing ) after argument list @(shell):1:82
> db.Student.insert({_id:1,StudName:"MIchelleJacinth",Grade:"VII",Hobbies:"internetsurfing"});
WriteResult({ "nInserted" : 1 })
> db.Student.update({_id:3,StudName:"AryanDavid",Grade:"VII"},{$set:{Hobbies:"Skatin9"}},{upsert:true});
WriteResult({ "nMatched" : 0, "nUpserted" : 1, "nModified" : 0, "_id" : 3 })
> db.Student.find({StudName:"AryanDavid"});
> db.Student.find({StudName:"AryanDavid"});
{ "_id" : 3, "Grade" : "VII", "StudName" : "AryanDavid", "Hobbies" : "Skatin9" }
> db.Student.find({}, {StudName:1,Grade:1,_id:0});
2023-04-01T09:56:56.668+0530 E QUERY [thread1] TypeError: db.Student.find is not a function :
@(shell):1:1
> db.Student.find({}, {StudName:1,Grade:1,_id:0});
Error: error: {
  "ok" : 0,
  "errmsg" : "Projection cannot have a mix of inclusion and exclusion.",
  "code" : 2,
  "codeName" : "BadValue"
}

```



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...
> db.createCollection("Student");
{ "ok" : 1 }
> db.Student.insert({_id:1,StudName:"MichelleJacinth",Grade:"VII"},{$set:{Hobbies:"Skatin9"}});
2023-04-01T09:40:01.572+0530 E QUERY [thread1] SyntaxError: missing ) after argument list @
> db.Student.insert({_id:1,StudName:"MichelleJacinth",Grade:"VII",Hobbies:"Skatin9"}),{upsert:
2023-04-01T09:40:33.025+0530 E QUERY [thread1] SyntaxError: missing ) after argument list @
> db.Student.insert({_id:1,StudName:"MichelleJacinth",Grade:"VII",Hobbies:"internetsurfing"});
WriteResult({ "nInserted" : 1 })
> db.Student.update({_id:3,StudName:"AryanDavid",Grade:"VII"},{$set:{Hobbies:"Skatin9"}},{upsert:
WriteResult({ "nMatched" : 0, "nUpserted" : 1, "nModified" : 0, "_id" : 3 })
> db.Student.find({StudName:"AryanDavid"});
> db.Student.find({StudName:"AryanDavid"});
{ "_id" : 3, "Grade" : "VII", "StudName" : "AryanDavid", "Hobbies" : "Skatin9" }
> db.Student.find({}, {StudName:1, Grade:1, _id:0});
2023-04-01T09:56:56.668+0530 E QUERY [thread1] TypeError: db.Student.find is not a function
@ (shell):1:1
> db.Student.find({}, {StudName:1, Grade:1, _id:0});
Error: error: {
  "ok" : 0,
  "errmsg" : "Projection cannot have a mix of inclusion and exclusion.",
  "code" : 2,
  "codeName" : "BadValue"
}
> db.Student.find({}, {StudName:1, Grade:1, _id:0});
{ "StudName" : "MichelleJacinth", "Grade" : "VII" }
{ "Grade" : "VII", "StudName" : "AryanDavid" }
> ^C
bye
bmsce@bmsce-Precision-T1700:~$ MONGO
MONGO: command not found
bmsce@bmsce-Precision-T1700:~$ mongo
MongoDB shell version v3.6.8
connecting to: mongodb://127.0.0.1:27017
Implicit session: session { "id" : UUID("e2fc80c0-3602-4834-bc95-e109f3ade193") }
MongoDB server version: 3.6.8
Server has startup warnings:
2023-04-01T09:07:22.204+0530 I STORAGE [initandlisten]
2023-04-01T09:07:22.204+0530 I STORAGE [initandlisten] ** WARNING: Using the XFS filesystem is st
2023-04-01T09:07:22.204+0530 I STORAGE [initandlisten] ** See http://dochub.mongodb.org/
2023-04-01T09:07:31.163+0530 I CONTROL [initandlisten]
2023-04-01T09:07:31.163+0530 I CONTROL [initandlisten] ** WARNING: Access control is not enabled

```



```
> db.Student.find({}, {StudName:1, Grade:1, _id:0});
{ "StudName" : "MichelleJacinth", "Grade" : "VII" }
{ "Grade" : "VII", "StudName" : "AryanDavid" }
> db.Student.find({Hobbies:{$in:['Chess', 'Skatin9']}}).pretty();
{
  "_id" : 3,
  "Grade" : "VII",
  "StudName" : "AryanDavid",
  "Hobbies" : "Skatin9"
}
> db.Student.find({Grade:{$eq:'VII'}}).pretty();
{
  "_id" : 1,
  "StudName" : "MIChelleJacinth",
  "Grade" : "VII",
  "Hobbies" : "internetsurfing"
}
{
  "_id" : 3,
  "Grade" : "VII",
  "StudName" : "AryanDavid",
  "Hobbies" : "Skatin9"
}
>
```



```

> db.Student.find({StudName:/^M/}).pretty();
{
  "_id" : 1,
  "StudName" : "MichelleJacinth",
  "Grade" : "VII",
  "Hobbies" : "internetsurfing"
}
> db.Student.find({StudName:/e/}).pretty();
{
  "_id" : 1,
  "StudName" : "MichelleJacinth",
  "Grade" : "VII",
  "Hobbies" : "internetsurfing"
}
> db.Student.count();
2
> db.Student.find().sort({StudName:-1}).pretty();
2023-04-01T10:08:12.755+0530 E QUERY [thread1] SyntaxError: missing name after . operator @(shell):1:23
> db.Student.find().sort({StudName:-1}).pretty();
{
  "_id" : 1,
  "StudName" : "MichelleJacinth",
  "Grade" : "VII",
  "Hobbies" : "internetsurfing"
}
{
  "_id" : 3,
  "Grade" : "VII",
  "StudName" : "AryanDavid",
  "Hobbies" : "Skatin9"
}
> db.Students.save({StudName:"Vamsi",Grade:"VI"});
WriteResult({ "nInserted" : 1 })
> db.Students.update({_id:4},{ $set:{Location:"Network"}});
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })
> db.Students.update({_id:4},{ $unset:{Location:"Network"}});
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })
>

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> db.Students.update({_id:4},{ $unset:{Location:"Network"}});
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })
> db.Student.find({_id:1},{StudName:1,Grade:1,_id:0});
{ "StudName" : "MichelleJacinth", "Grade" : "VII" }
>

```

