

```
Activities Terminal Apr 11 15:19 bmsce@bmsce-Precision-T1700: ~
bmsce@bmsce-Precision-T1700:~$ mongo
MongoDB shell version v3.6.8
connecting to: mongodb://127.0.0.1:27017
Implicit session: session { "id" : UUID("6a648485-b2da-4651-ba9d-3ecad2283881") }
MongoDB server version: 3.6.8
Server has startup warnings:
2022-04-11T14:29:35.146+0530 I STORAGE [initandlisten]
2022-04-11T14:29:35.146+0530 I STORAGE [initandlisten] ** WARNING: Using the XFS filesystem is strongly recommended with the WiredTiger storage engine
2022-04-11T14:29:35.146+0530 I STORAGE [initandlisten] ** See http://dochub.mongodb.org/core/pro
dnotes-filesystem
2022-04-11T14:29:52.871+0530 I CONTROL [initandlisten]
2022-04-11T14:29:52.871+0530 I CONTROL [initandlisten] ** WARNING: Access control is not enabled for the database.
2022-04-11T14:29:52.871+0530 I CONTROL [initandlisten] ** Read and write access to data and configuration is unrestricted.
2022-04-11T14:29:52.871+0530 I CONTROL [initandlisten]
> use jathindb
switched to db jathindb
> db;
jathindb
> db.createCollection("Student");
{ "ok" : 1 }
> db.Student.drop();
true
> db.Student.insert({_id:1,StudName:"MichelleJacintha",Grade:"VII",Hobbies:"InternetSurfing"});
WriteResult({ "nInserted" : 1 })
> db.Student.update({_id:3,StudName:"AryanDravid",Grade:"VII"},{$set:{Hobbies:"Skating"}},{upsert:true});
WriteResult({ "nMatched" : 0, "nUpserted" : 1, "nModified" : 0, "_id" : 3 })
> db.Student.find({StudName:"AryanDravid"});
{ "_id" : 3, "StudName" : "AryanDravid", "Grade" : "VII", "Hobbies" : "Skating" }
```

```
Activities Terminal Apr 11 15:21 bmsce@bmsce-Precision-T1700: ~
> db.Student.find({Hobbies:{$in:['Chess','Skating']}}).pretty();
... ^C
> db.Student.find({Hobbies:{$in:['Chess','Skating']}}).pretty();
{
  "_id" : 3,
  "Grade" : "VII",
  "StudName" : "AryanDravid",
  "Hobbies" : "Skating"
}
> db.Student.find({StudName:/^M/}).pretty();
{
  "_id" : 1,
  "StudName" : "MichelleJacintha",
  "Grade" : "VII",
  "Hobbies" : "InternetSurfing"
}
> db.Student.find({Studname:/e/}).pretty();
> db.Student.find({StudName:/e/}).pretty();
2022-04-11T15:14:42.988+0530 E QUERY [thread1] ReferenceError: pretty is not defined :
@(shell):1:1
> db.Student.find({StudName:/e/}).pretty();
{
  "_id" : 1,
  "StudName" : "MichelleJacintha",
  "Grade" : "VII",
  "Hobbies" : "InternetSurfing"
}
> db.Student.count();
2
```

```
Activities Terminal Apr 11 15:39
bmsce@bmsce-Precision-T1700: ~
2022-04-11T15:14:42.988+0530 E QUERY [thread1] ReferenceError: pretty is not defined :
@(shell):1:1
> db.Student.find({StudName:/e/}).pretty();
{
  "_id" : 1,
  "StudName" : "MichelleJacintha",
  "Grade" : "VII",
  "Hobbies" : "InternetSurfing"
}
> db.Student.count();
2
> db.Student.find().sort({StudName:-1}).pretty();
{
  "_id" : 1,
  "StudName" : "MichelleJacintha",
  "Grade" : "VII",
  "Hobbies" : "InternetSurfing"
}
{
  "_id" : 3,
  "Grade" : "VII",
  "StudName" : "AryanDravid",
  "Hobbies" : "Skating"
}
> 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 })
```

```
Activities Terminal Apr 11 15:40
bmsce@bmsce-Precision-T1700: ~
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })
> db.Students.update({_id:4},{ $unset:{Location:"Network"}})
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })
> db.Student.find9{_id:1},{StudName:1,Grade:1,_id:0});
2022-04-11T15:29:20.844+0530 E QUERY [thread1] SyntaxError: missing ; before statement @(shell):1:16
> db.Student.find({_id:1},{StudName:1,Grade:1,_id:0});
2022-04-11T15:29:44.779+0530 E QUERY [thread1] SyntaxError: missing ; before statement @(shell):1:15
> db.Student.find({_id:1},{StudName:1,Grade:1,_id:0});
{ "StudName" : "MichelleJacintha", "Grade" : "VII" }
> db.Student.find({grade:{ $ne:'VII' }}).pretty();
{
  "_id" : 1,
  "StudName" : "MichelleJacintha",
  "Grade" : "VII",
  "Hobbies" : "InternetSurfing"
}
{
  "_id" : 3,
  "Grade" : "VII",
  "StudName" : "AryanDravid",
  "Hobbies" : "Skating"
}
> db.Student.find({StudNmae:/s$/}).pretty();
> db.Student.find({StudName:/s$/}).pretty();
> db.Student.find({StudName:/s$/}).pretty();
> db.Student.update({_id:3},{ $set:{Location:null}})
2022-04-11T15:33:29.313+0530 E QUERY [thread1] SyntaxError: missing : after property id @(shell):1:40
> db.Student.update({_id:3},{ $set:{Location:null}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.Students.count()
```

```
Activities Terminal Apr 11 15:40 bmsce@bmsce-Precision-T1700: ~  
    "Hobbies" : "InternetSurfing"  
  }  
  {  
    "_id" : 3,  
    "Grade" : "VII",  
    "StudName" : "AryanDravid",  
    "Hobbies" : "Skating"  
  }  
  }  
> db.Student.find({StudName:/s$/}).pretty();  
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> db.Student.update({_id:3},{set:{Location:null}})  
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })  
> db.Students.count()  
1  
> db.Students.count({Grade:"VII"})  
0  
> db.Students.find({Grade:"VII"}).limit(3).pretty();  
> db.Students.find().sort({StudName:1}).pretty();  
2022-04-11T15:37:22.223+0530 E QUERY [thread1] SyntaxError: missing ; before statement @(shell):1:23  
> db.Students.find().sort({StudName:1}).pretty();  
{  
  "_id" : ObjectId("6253fb4034a3441bec2a273"),  
  "StudName" : "Vamsi",  
  "Grade" : "VI"  
}  
> db.Students.find().skip(2).pretty()  
>
```

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connecting to: mongodb://127.0.0.1:27017

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2022-04-11T14:29:35.146+0530 I STORAGE [initandlisten] \*\* See <http://dochub.mongodb.org/core/prodnotes-filesystem>

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switched to db jathindb

> db;

jathindb

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{ "ok" : 1 }

> db.Student.drop();

true

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> db.Student.insert({_id:1,StudName:"MichelleJacintha",Grade:"VII",Hobbies:"InternetSurfing"});
WriteResult({ "nInserted" : 1 })
> db.Student.update({_id:3,StudName:"AryanDravid",Grade:"VII"},{$set:{Hobbies:"Skating"}},
{upsert:true});
WriteResult({ "nMatched" : 0, "nUpserted" : 1, "nModified" : 0, "_id" : 3 })
> db.Student.find({StudName:"AryanDravid"});
{ "_id" : 3, "Grade" : "VII", "StudName" : "AryanDravid", "Hobbies" : "Skating" }
> db.Student.find({}, {StudName:1,Grade:1,_id:0});
{ "StudName" : "MichelleJacintha", "Grade" : "VII" }
{ "Grade" : "VII", "StudName" : "AryanDravid" }
> db.Student.find({grade:{ $eq:"VII" }}).pretty();
> db.Student.find({Grade:{ $eq:'VII' }}).pretty();
{
  "_id" : 1,
  "StudName" : "MichelleJacintha",
  "Grade" : "VII",
  "Hobbies" : "InternetSurfing"
}
{
  "_id" : 3,
  "Grade" : "VII",
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```

```

        "Grade" : "VII",
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> db.Student.count();
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> db.Student.find().sort({StudName:-1}).pretty();
{
    "_id" : 1,
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WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.Students.count()
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> db.Students.count({Grade:"VII"})
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> db.Students.find({Grade:"VII"}).limit(3).pretty();
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  "StudName" : "Vamsi",
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}
> db.Students.find().skip(2).pretty()
> ^C
bye
```