

LAB3 COMMAND OUTPUT

PARTH CHATTA
1BM17CS057

```
> use mydb
switched to db mydb
> db.createCollection("Student")
{ "ok" : 1 }
> mongoimport
2020-10-08T14:42:10.069+0530 E QUERY [js] ReferenceError: mongoimport is not defined :
@ (shell):1:1
> db.Student.insert({rollno:10,name:"abc",age:21,mobileno:9988776660,email:"abc@gmail.com"})
WriteResult({ "nInserted" : 1 })
> db.Student.insert({rollno:11,name:"rahul",age:22,mobileno:9911116660,email:"rahul123@gmail.com"})
WriteResult({ "nInserted" : 1 })
> db.Student.insert({rollno:12,name:"parth",age:20,mobileno:9451111234,email:"parth123@gmail.com"})
WriteResult({ "nInserted" : 1 })
> db.Student.find()
{ "_id" : ObjectId("5f7edd6b14ca2d14524a178e"), "rollno" : 10, "name" : "abc", "age" : 21, "mobileno" : 9988776660, "email" : "abc@gmail.com" }
{ "_id" : ObjectId("5f7edd8414ca2d14524a178f"), "rollno" : 11, "name" : "rahul", "age" : 22, "mobileno" : 9911116660, "email" : "rahul123@gmail.com" }
{ "_id" : ObjectId("5f7edda114ca2d14524a1790"), "rollno" : 12, "name" : "parth", "age" : 20, "mobileno" : 9451111234, "email" : "parth123@gmail.com" }
> db.Student.update({rollno:10},{set:{email:"changed@gmail.com"}})
2020-10-08T15:09:41.651+0530 E QUERY [js] SyntaxError: missing ) after argument list @ (shell):1:29
> db.Student.update({rollno:10},{set:{email:"changed@gmail.com"}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.Student.update({rollno:11},{set:{name:"fem"}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.Student.find()
{ "_id" : ObjectId("5f7edd6b14ca2d14524a178e"), "rollno" : 10, "name" : "abc", "age" : 21, "mobileno" : 9988776660, "email" : "changed@gmail.com" }
{ "_id" : ObjectId("5f7edd8414ca2d14524a178f"), "rollno" : 11, "name" : "fem", "age" : 22, "mobileno" : 9911116660, "email" : "rahul123@gmail.com" }
{ "_id" : ObjectId("5f7edda114ca2d14524a1790"), "rollno" : 12, "name" : "parth", "age" : 20, "mobileno" : 9451111234, "email" : "parth123@gmail.com" }
> db.Student.drop()
... )
true
> db.Student.drop()
false
> show collections
> show collections
> show collections
newStudent
> db.newStudent.find()
{ "_id" : ObjectId("5f7edd8414ca2d14524a178f"), "rollno" : 11, "name" : "fem", "age" : 22, "mobileno" : 9911116660, "email" : "rahul123@gmail.com" }
{ "_id" : ObjectId("5f7edd6b14ca2d14524a178e"), "rollno" : 10, "name" : "abc", "age" : 21, "mobileno" : 9988776660, "email" : "changed@gmail.com" }
{ "_id" : ObjectId("5f7edda114ca2d14524a1790"), "rollno" : 12, "name" : "parth", "age" : 20, "mobileno" : 9451111234, "email" : "parth123@gmail.com" }
>
>
```

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.18362.1082]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>cd C:\Program Files\MongoDB\Server\4.0\bin

C:\Program Files\MongoDB\Server\4.0\bin>Mongoexport --db mydb --collection Student --csv -f _id,rollno,name,age,mobileno,email --out myout.txt
2020-10-08T15:14:55.857+0530 too many positional arguments: [--collection Student]
2020-10-08T15:14:55.857+0530 try 'mongoexport --help' for more information

C:\Program Files\MongoDB\Server\4.0\bin>Mongoexport --db mydb --collection Student --csv -f _id,rollno,name,age,mobileno,email --out myout.txt
2020-10-08T15:15:16.385+0530 csv flag is deprecated; please use --type=csv instead
2020-10-08T15:15:16.391+0530 connected to: localhost
2020-10-08T15:15:16.396+0530 exported 3 records

C:\Program Files\MongoDB\Server\4.0\bin>
```

```
myout.txt - Notepad
File Edit Format View Help
_id,rollno,name,age,mobileno,email
ObjectId(5f7edd6b14ca2d14524a178e),10,abc,21,9.98877666e+09,changed@gmail.com
ObjectId(5f7edd8414ca2d14524a178f),11,fem,22,9.91111666e+09,rahul123@gmail.com
ObjectId(5f7edda114ca2d14524a1790),12,parth,20,9.451111234e+09,parth123@gmail.com
```

```
C:\Program Files\MongoDB\Server\4.0\bin>Mongoimport --db mydb --collection newStudent --type csv --headerline --file myout.txt
2020-10-08T15:20:32.189+0530    connected to: localhost
2020-10-08T15:20:32.209+0530    imported 3 documents

C:\Program Files\MongoDB\Server\4.0\bin>
```

```
> db.createCollection('Customers')
{ "ok" : 1 }
> db.Customers.insert({_id:1,accBal:10000,accType:"savings"})
WriteResult({ "nInserted" : 1 })
> db.Customers.insert({_id:2,accBal:20000,accType:"salary"})
WriteResult({ "nInserted" : 1 })
> db.Customers.insert({_id:3,accBal:30000,accType:"current"})
WriteResult({ "nInserted" : 1 })
> db.Customers.insert({_id:4,accBal:40000,accType:"savings"})
WriteResult({ "nInserted" : 1 })
> db.Customers.insert({_id:5,accBal:50000,accType:"savings"})
WriteResult({ "nInserted" : 1 })
> db.Customers.find()
{ "_id" : 1, "accBal" : 10000, "accType" : "savings" }
{ "_id" : 2, "accBal" : 20000, "accType" : "salary" }
{ "_id" : 3, "accBal" : 30000, "accType" : "current" }
{ "_id" : 4, "accBal" : 40000, "accType" : "savings" }
{ "_id" : 5, "accBal" : 50000, "accType" : "savings" }
```

```
> db.Customers.aggregate([{$group: {_id : "$_id",min_bal : {$min : "$accBal"},max_bal : {$max : "$accBal"}}}])
{ "_id" : 3, "min_bal" : 30000, "max_bal" : 30000 }
{ "_id" : 2, "min_bal" : 20000, "max_bal" : 20000 }
{ "_id" : 5, "min_bal" : 50000, "max_bal" : 50000 }
{ "_id" : 1, "min_bal" : 10000, "max_bal" : 10000 }
{ "_id" : 4, "min_bal" : 40000, "max_bal" : 40000 }
> db.showCollections()
2020-10-08T15:38:39.449+0530 E QUERY    [js] TypeError: db.showCollections is not a function :
@(shell):1:1
> show Collections
2020-10-08T15:38:46.889+0530 E QUERY    [js] Error: don't know how to show [Collections] :
shellHelper.show@src/mongo/shell/utils.js:1111:11
shellHelper@src/mongo/shell/utils.js:766:15
@(shellhelp2):1:1
> show collections
Customers
newStudent
> db.Customers.drop()
true
> show collections
newStudent
> show collections
newCustomers
newStudent
> db.newCustomers.find()
{ "_id" : 1, "accBal" : 10000, "accType" : "savings" }
{ "_id" : 2, "accBal" : 20000, "accType" : "salary" }
{ "_id" : 3, "accBal" : 30000, "accType" : "current" }
{ "_id" : 4, "accBal" : 40000, "accType" : "savings" }
{ "_id" : 5, "accBal" : 50000, "accType" : "savings" }
> db.Customers.find({accBal:{$gt:1200}, accType:{$eq : "salary"}})
> db.newCustomers.find({accBal:{$gt:1200}, accType:{$eq : "savings"}})
{ "_id" : 1, "accBal" : 10000, "accType" : "savings" }
{ "_id" : 4, "accBal" : 40000, "accType" : "savings" }
{ "_id" : 5, "accBal" : 50000, "accType" : "savings" }
>
```

```
C:\Program Files\MongoDB\Server\4.0\bin>mongoexport --db mydb --collection Customers --csv -f _id,accBal,accType --out myout2.txt
2020-10-08T15:37:21.509+0530 csv flag is deprecated; please use --type=csv instead
2020-10-08T15:37:21.511+0530 connected to: localhost
2020-10-08T15:37:21.511+0530 exported 5 records
```

```
C:\Program Files\MongoDB\Server\4.0\bin>
```



```
File Edit Format View Help
_id,accBal,accType
1,10000,savings
2,20000,salary
3,30000,current
4,40000,savings
5,50000,savings
Ln 1, Col 1 100% Unix (LF) UTF-8
```

```
C:\Program Files\MongoDB\Server\4.0\bin>mongoimport --db mydb --collection newCustomers --type csv --headerline --file myout2.txt
2020-10-08T15:40:07.621+0530 connected to: localhost
2020-10-08T15:40:07.638+0530 imported 5 documents
```

```
C:\Program Files\MongoDB\Server\4.0\bin>
```