

Experiment - 1

MongoDB- CRUD Operations Demonstration

The screenshot shows two terminal windows on a Linux desktop. Both windows have the title "Activities Terminal".

Terminal 1 (Top):

```
hmcacece@hmcacece-MP-Elite-Tower-000-C9-Desktop-PC: ~$ mongosh "mongodb+srv://<credentials>@cluster0.tud3r.mongodb.net/" --apiversion 1 --username marlacs22 --password 8Ja9u6zIrEjzb0t
Current Mongosh Log ID: 67cff8b5879ab5f3c100e7d
Connecting to: mongodb+srv://<credentials>@cluster0.tud3r.mongodb.net/?appName=mongosh+2.2.1
Using MongoDB: 8.0.5 (API Version 1)
Using Mongosh: 2.2.1
mongosh 2.4.2 is available for download: https://www.mongodb.com/try/download/shell
For mongosh info see: https://docs.mongodb.com/mongodb-shell/
Atlas atlas-vvji9t-shard-0 [primary] test>
Atlas atlas-vvji9t-shard-0 [primary] test> use myDB
switched to db myDB
Atlas atlas-vvji9t-shard-0 [primary] myDB> create.collection("student1");
ReferenceError: create is not defined
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.createCollection("student1");
Uncaught:
syntaxError: Unexpected token, expected "," (1:29)
> 1 | db.createCollection("student1");
| 2 |
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.createCollection("student1");
{ ok: 1 }
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.insert({
...   _id: 1,
...   StudName: 'MichelleJacintha',
...   Grade: 'VII',
...   Hobbies: 'InternetSurfing'
... });
DeprecationWarning: Collection.insert() is deprecated. Use insertOne, insertMany, or bulkWrite.
[ acknowledged: true, insertedIds: { '$0': 1 } ]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.update(
...   { _id: 1, StudName: 'AryanDavid' }, {
...     $set: { hobbies: 'Skating' },
...     $upsert: true
... });
DeprecationWarning: Collection.update() is deprecated. Use updateOne, updateMany, or bulkWrite.
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 1
}
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find();
[
  {
    _id: 1,
    Studname: 'MichelleJacintha',
    Grade: 'VII',
    Hobbies: 'InternetSurfing'
  },
  { _id: 1, Grade: 'VII', StudName: 'AryanDavid', Hobbies: 'Skating' }
]
```

Terminal 2 (Bottom):

```
hmcacece@hmcacece-MP-Elite-Tower-000-C9-Desktop-PC: ~$ mongosh mongodbsrv://<credentials>@cluster0.tud3r.mongodb.net/
Current Mongosh Log ID: 67cff8b5879ab5f3c100e7d
Mar 11 14:31
MongoDB shell version: 8.0.5
connecting to: mongodb+srv://<credentials>@cluster0.tud3r.mongodb.net/?appName=mongosh+2.2.1
MongoDB shell version: 2.2.1
mongosh 2.4.2 is available for download: https://www.mongodb.com/try/download/shell
For mongosh info see: https://docs.mongodb.com/mongodb-shell/
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.update(
...   { _id: 1, StudName: 'AryanDavid' }, {
...     $set: { hobbies: 'Chess' }
... });
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Atlas atlas-vvji9t-shard-0 [primary] myDB> ds.Student1.find();
ReferenceError: ds is not defined
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find();
[
  {
    _id: 1,
    StudName: 'MichelleJacintha',
    Grade: 'VII',
    Hobbies: 'InternetSurfing'
  },
  { _id: 1, Grade: 'VII', StudName: 'AryanDavid', Hobbies: 'Chess' }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student.find({StudName: "Aryan David"});
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student.find({StudName: "Aryan David"});
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({StudName: "AryanDavid"});
[ { _id: 1, Grade: 'VII', Studname: 'AryanDavid', Hobbies: 'Chess' } ]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({}, {StudName: 1, GrGrade: 1, _id: 0});
[ { StudName: 'MichelleJacintha', Grade: 'VII' },
  { Grade: 'VII', StudName: 'AryanDavid' }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({}, {StudName: 1, Grade: 1, _id: 0});
[ { StudName: 'MichelleJacintha', Grade: 'VII' },
  { Grade: 'VII', StudName: 'AryanDavid' }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find([Grade: {Seq: 'VII'}]).pretty();
[
  {
    _id: 1,
    StudName: 'MichelleJacintha',
    Grade: 'VII',
    Hobbies: 'InternetSurfing'
  },
  { _id: 1, Grade: 'VII', StudName: 'AryanDavid', Hobbies: 'Chess' }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({hobbies: { $in: [ 'Chess', 'Skating' ] }}).pretty();
[ { _id: 1, Grade: 'VII', StudName: 'AryanDavid', Hobbies: 'Chess' } ]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({StudName: /'^/}).pretty();
[ ]
```

```
Activities Terminal Mar 11 14:32
mongosh mongodb+srv://<credentials>@cluster0.tud3r.mongodb.net/
[ { _id: 1, Grade: 'VII', StudName: 'AryanDavid', Hobbies: 'Chess' } ]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({}, {StudName: 1, GrGrade: 1, _id: 0});
[ { StudName: 'MichelleJacintha', Grade: 'VII' },
  { Grade: 'VII', StudName: 'AryanDavid' }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({}, {StudName: 1, Grade: 1, _id: 0});
[ { StudName: 'MichelleJacintha', Grade: 'VII' },
  { Grade: 'VII', StudName: 'AryanDavid' }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({Grade: {$eq: 'VII'}}).pretty();
[
  {
    _id: 1,
    StudName: 'MichelleJacintha',
    Grade: 'VII',
    Hobbies: 'InternetSurfing'
  },
  { _id: 1, Grade: 'VII', StudName: 'AryanDavid', Hobbies: 'Chess' }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({Hobbies: { $in: [ 'Chess', 'Skating' ] }}).pretty();
[ { _id: 1, Grade: 'VII', StudName: 'AryanDavid', hobbies: 'Chess' }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({$studName: /M/}).pretty();
[
  {
    _id: 1,
    StudName: 'MichelleJacintha',
    Grade: 'VII',
    Hobbies: 'Internetsurfing'
  }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({StudName: /e/}).pretty();
[ { _id: 1,
  StudName: 'MichelleJacintha',
  Grade: 'VII',
  Hobbies: 'InternetSurfing' }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.count();
DeprecationWarning: Collection.count() is deprecated. Use countDocuments or estimatedDocumentCount.
2
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.sort({$studName: -1}).pretty();
[
  {
    _id: 1,
    StudName: 'MichelleJacintha',
    Grade: 'VII',
    Hobbies: 'InternetSurfing'
  },
  { _id: 1, Grade: 'VII', StudName: 'AryanDavid', Hobbies: 'Chess' }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> ■
```

```
Activities Terminal Mar 11 14:31
mongosh mongodb+srv://<credentials>@cluster0.tud3r.mongodb.net/
[ { _id: 1, Grade: 'VII', StudName: 'AryanDavid', Hobbies: 'Skating' } ]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.update(
  { _id: 1, StudName: "AryanDavid", Grade: "VII" },
  { $set: {hobbies: "Chess"} }
);
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Atlas atlas-vvji9t-shard-0 [primary] myDB> ds.Student1.find();
ReferenceError: ds is not defined
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find();
[ { _id: 1,
  StudName: 'MichelleJacintha',
  Grade: 'VII',
  Hobbies: 'Internetsurfing'
},
{ _id: 1, Grade: 'VII', StudName: 'AryanDavid', Hobbies: 'Chess' }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({$studname: "Aryan David"});
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({StudName: "Aryan David"});
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({StudName: "AryanDavid"});
[ { _id: 1, Grade: 'VII', StudName: 'AryanDavid', hobbies: 'Chess' } ]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({}, {StudName: 1, GrGrade: 1, _id: 0});
[ { StudName: 'MichelleJacintha', Grade: 'VII' },
  { Grade: 'VII', StudName: 'AryanDavid' }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({Grade: {$eq: 'VII'}}).pretty();
[
  {
    _id: 1,
    StudName: 'MichelleJacintha',
    Grade: 'VII',
    Hobbies: 'InternetSurfing'
  },
  { _id: 1, Grade: 'VII', StudName: 'AryanDavid', Hobbies: 'Chess' }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({Hobbies: { $in: [ 'Chess', 'Skating' ] }}).pretty();
[ { _id: 1, Grade: 'VII', StudName: 'AryanDavid', hobbies: 'Chess' } ]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({$studName: /M/}).pretty();
```

Activities Terminal Mar 11 14:32

```
[mongosh mongodbsrv://credentials@cluster0.tud3r.mongodb.net/]
[1]  $ [ { _id: 1, Grade: 'VII', StudName: 'AryanDavid', Hobbies: 'Chess' } ]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find(), {StudName: 1, GrGrade: 1, _id: 0}:
[
  { StudName: 'MichelleJacintha', Grade: 'VII' },
  { Grade: 'VII', StudName: 'AryanDavid' }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find(), {StudName: 1, Grade: 1, _id: 0}:
[
  { StudName: 'MichelleJacintha', Grade: 'VII' },
  { Grade: 'VII', StudName: 'AryanDavid' }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({Grade: {$eq: "VII"}}).pretty():
[
  [
    {
      _id: 1,
      StudName: 'MichelleJacintha',
      Grade: 'VII',
      Hobbies: 'InternetSurfing'
    },
    {
      _id: 1, Grade: 'VII', StudName: 'AryanDavid', Hobbies: 'Chess' }
  ]
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({Hobbies: { $in: [ 'Chess', 'Skating' ] }}).pretty():
[ { _id: 1, Grade: 'VII', StudName: 'AryanDavid', hobbies: 'Chess' }]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({StudName: /"M/}).pretty():
[
  [
    {
      _id: 1,
      StudName: 'MichelleJacintha',
      Grade: 'VII',
      Hobbies: 'Internetsurfing'
    }
  ]
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({StudName: /e/}).pretty():
[ { _id: 1,
  StudName: 'MichelleJacintha',
  Grade: 'VII',
  Hobbies: 'InternetSurfing' }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.count();
DeprecationWarning: Collection.count() is deprecated. Use countDocuments or estimatedDocumentCount.
2
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.sort({StudName: -1}).pretty():
[
  {
    _id: 1,
    StudName: 'MichelleJacintha',
    Grade: 'VII',
    Hobbies: 'InternetSurfing'
  },
  { _id: 2, Grade: 'VII', StudName: 'AryanDavid', Hobbies: 'Chess' }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> ■
```

Activities Terminal Mar 11 14:52

```
bmscse@bmscse-HP-Elite-Tower-800-G9-Desktop-PC: ~
```

```
bmscse@bmscse-HP-Elite-Tower-800-G9-Desktop-PC: ~ mongoexport
2025-03-11T14:39:05.282+0530  must specify a collection
2025-03-11T14:39:05.282+0530  try 'mongoexport --help' for more information
bmscse@bmscse-HP-Elite-Tower-800-G9-Desktop-PC: ~ $ ^[[200-mongosh "mongodb+srv://cluster0.tud3r.mongodb.net/" --apiVersion 1 --username mariacs22 --password 8Ja9u6zIrEjzBlot
bmscse@bmscse-HP-Elite-Tower-800-G9-Desktop-PC: ~ $ mongosh "mongodb+srv://cluster0.tud3r.mongodb.net/" --apiVersion 1 --username mariacs22 --password 8Ja9u6zIrEjzBlot
bmscse@bmscse-HP-Elite-Tower-800-G9-Desktop-PC: ~ $ -mongosh: command not found
bmscse@bmscse-HP-Elite-Tower-800-G9-Desktop-PC: ~ $ mongosh "mongodb+srv://cluster0.tud3r.mongodb.net/" --apiVersion 1 --username mariacs22 --password 8Ja9u6zIrEjzBlot
Current Mongosh Log ID: 67cffdfrcba3c80154c00e7d
Connecting to: mongodb+srv://credentials@cluster0.tud3r.mongodb.net/?appName=mongosh+2.2.1
Using Mongosh: 2.2.1
Using Node.js: 0.9.5 (API Version 1)
Using Npm: 2.2.1
mongosh 2.4.2 ls available for download: https://www.mongodb.com/try/download/shell
For mongosh info see: https://docs.mongodb.com/mongodb-shell/
Atlas atlas-vvji9t-shard-0 [primary] test> use myDB;
switched to db myDB
Atlas atlas-vvji9t-shard-0 [primary] myDB> mongoexport --uri "mongodb+srv://marlacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --fields "StudName,Grade,Hobbies"
Unccaught:
SyntaxError: Missing semicolon. (1:14)
> 1 | mongoexport -uri "mongodb+srv://marlacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --fields "StudName,Grade,Hobbies"
2 |
Atlas atlas-vvji9t-shard-0 [primary] myDB> mongoexport --uri "mongodb+srv://marlacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --fields "StudName,Grade,Hobbies"
Unccaught:
SyntaxError: Missing semicolon. (1:14)
> 1 | mongoexport -uri "mongodb+srv://marlacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --fields "StudName,Grade,Hobbies"
2 |
Atlas atlas-vvji9t-shard-0 [primary] myDB> (To exit, press Ctrl+c again or Ctrl+d or type .exit)
Atlas atlas-vvji9t-shard-0 [primary] myDB> mongoexport --uri "mongodb+srv://marlacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --fields "StudName,Grade,Hobbies"
Unccaught:
SyntaxError: Missing semicolon. (1:14)
> 1 | mongoexport -uri "mongodb+srv://marlacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --fields "StudName,Grade,Hobbies"
2 |
Atlas atlas-vvji9t-shard-0 [primary] myDB> exit
bmscse@bmscse-HP-Elite-Tower-800-G9-Desktop-PC: ~ $ mongoexport --uri "mongodb+srv://marlacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --fields "StudName,Grade,Hobbies"
2025-03-11T14:42:20.815+0530  Connected to: mongodb+srv://[*REDACTED*]@cluster0.tud3r.mongodb.net/myDB
2025-03-11T14:42:21.048+0530  exported 2 records
bmscse@bmscse-HP-Elite-Tower-800-G9-Desktop-PC: ~ 
bmscse@bmscse-HP-Elite-Tower-800-G9-Desktop-PC: ~ $ mongoexport --uri "mongodb+srv://marlacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --fields "StudName,Grade,Hobbies"
bmscse@bmscse-HP-Elite-Tower-800-G9-Desktop-PC: ~ $ mongoexport --uri "mongodb+srv://marlacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --fields "StudName,Grade,Hobbies"
```

Activities Terminal Mar 11 14:53

```
bmscsece@bmscsece-HP-Elite-Tower-800-G9-Desktop-PC: ~
```

```

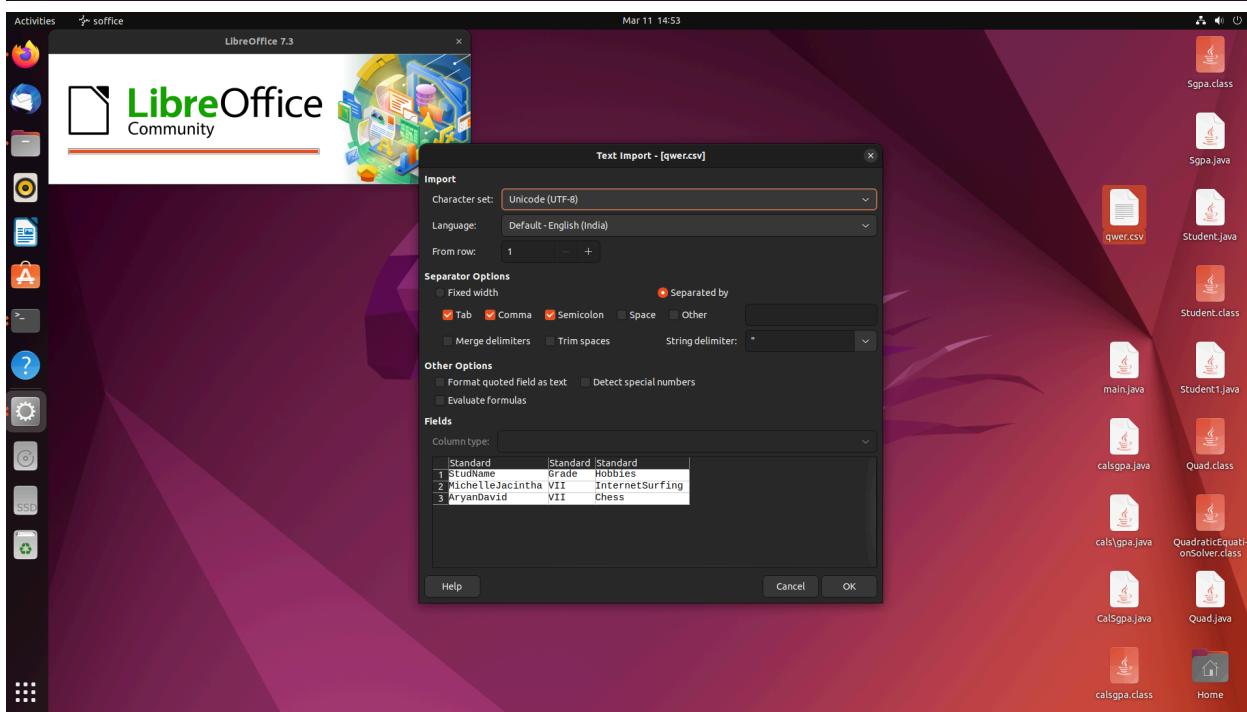
dnName,Grade,Hobbies"
Uncought:
SyntaxError: Missing semicolon. (1:14)
> 1 | mongoexport -u "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --fields "StudName,Grade,Hobbies"
2 |

Atlas atlas:vvj19l-shard-0 [primary] myDB>
(To exit, press Ctrl+c again or Ctrl+d or type .exit)
Atlas atlas:vvj19l-shard-0 [primary] myDB> mongoexport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --fields "StudName,Grade,Hobbies"
Uncought:
SyntaxError: Missing semicolon. (1:14)
> 1 | mongoexport -u "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --fields "StudName,Grade,Hobbies"
2 |

Atlas atlas:vvj19l-shard-0 [primary] myDB> exit
bmscsece@bmscsece-HP-Elite-Tower-800-G9-Desktop-PC: $ mongoexport --url "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --
fields "StudName,Grade,Hobbies"

2025-03-11T14:42:20.815+0530 connected to: mongodb+srv://[*REDACTED*]@cluster0.tud3r.mongodb.net/myDB
2025-03-11T14:42:21.068+0530 exported 2 records
bmscsece@bmscsece-HP-Elite-Tower-800-G9-Desktop-PC: $ bmscsece@bmscsece-HP-Elite-Tower-800-G9-Desktop-PC: $ bmscsece@bmscsece-HP-Elite-Tower-800-G9-Desktop-PC: $ mongoexport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --file "StudName,Grade,Hobbies"

2025-03-11T14:43:35.174+0530 connected to: mongodb+srv://[*REDACTED*]@cluster0.tud3r.mongodb.net/myDB
2025-03-11T14:43:35.437+0530 exported 2 records
bmscsece@bmscsece-HP-Elite-Tower-800-G9-Desktop-PC: $ bmscsece@bmscsece-HP-Elite-Tower-800-G9-Desktop-PC: $ bmscsece@bmscsece-HP-Elite-Tower-800-G9-Desktop-PC: $ bmscsece@bmscsece-HP-Elite-Tower-800-G9-Desktop-PC: $ mongoexport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/qwer.txt" --fields "StudName,Grade,Hobbies"
2025-03-11T14:44:22:22+0530 connected to: mongodb+srv://[*REDACTED*]@cluster0.tud3r.mongodb.net/myDB
2025-03-11T14:44:44:529+0530 exported 2 records
bmscsece@bmscsece-HP-Elite-Tower-800-G9-Desktop-PC: $ whoami
bmscsece
bmscsece@bmscsece-HP-Elite-Tower-800-G9-Desktop-PC: $ ^C
bmscsece@bmscsece-HP-Elite-Tower-800-G9-Desktop-PC: $ mongoexport --url "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "/home/bmscsece/Desktop/qwer.csv" --fields "StudName,Grade,Hobbies"
2025-03-11T14:47:53.277+0530 connected to: mongodb+srv://[*REDACTED*]@cluster0.tud3r.mongodb.net/myDB
2025-03-11T14:47:53.277+0530 exported 2 records
bmscsece@bmscsece-HP-Elite-Tower-800-G9-Desktop-PC: $ mongoimport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student3 --type csv --file "/home/bmscsece/Desktop/qwer.csv" --headerLine "Student3" --documentSeparator ","
2025-03-11T14:51:32.165+0530 connected to: mongodb+srv://[*REDACTED*]@cluster0.tud3r.mongodb.net/myDB
2025-03-11T14:51:32.316+0530 2 document(s) imported successfully. 0 document(s) failed to import.
bmscsece@bmscsece-HP-Elite-Tower-800-G9-Desktop-PC: $
```



```

Activities Terminal Mar 11 15:21
mongosh mongodb+srv://<credentials>@cluster0.tud3r.mongodb.net/
Current Mongosh Log ID: 67cff8b58796ab5f3c100e7d
Connecting to: mongodb+srv://<credentials>@cluster0.tud3r.mongodb.net/?appName=mongosh+2.2.1
Using MongoDB: 2.2.1 (API Version 1)
Using Mongosh: 2.2.1
mongosh 2.4.2 is available for download: https://www.mongodb.com/try/download/shell
For mongosh info see: https://docs.mongodb.com/mongodb-shell/
Atlas atlas-vvji9l-shard-0 [primary] test>
Atlas atlas-vvji9l-shard-0 [primary] test> use myDB
switched to db myDB
Atlas atlas-vvji9l-shard-0 [primary] myDB> create.collection("student1");
ReferenceError: create is not defined
Atlas atlas-vvji9l-shard-0 [primary] myDB> db.createCollection("student1");
Uncaught:
SyntaxError: Unexpected token, expected "," (1:29)
> 1 | db.createCollection("student1");
|   ^
| 2 |
Atlas atlas-vvji9l-shard-0 [primary] myDB> db.createCollection("student1");
{ ok: 1 }
Atlas atlas-vvji9l-shard-0 [primary] myDB> db.Student1.insert({
... _id: 1,
... StudName: "MichelleJacintha",
... Grade: "VII",
... Hobbies: "Internetsurfing"
... });
DeprecationWarning: Collection.insert() is deprecated. Use insertOne, insertMany, or bulkWrite.
{
  acknowledged: true,
  insertedId: 1,
  matchedCount: 0,
  modifiedCount: 0,
  upsertedCount: 1
}
Atlas atlas-vvji9l-shard-0 [primary] myDB> db.Student1.update(
... { _id: 1, StudName: "AryanDavid", Grade: "VII" },
... { $set: {Hobbies: "Skating"} },
... { upsert: true }
... );
DeprecationWarning: Collection.update() is deprecated. Use updateOne, updateMany, or bulkWrite.
{
  acknowledged: true,
  insertedId: 1,
  matchedCount: 0,
  modifiedCount: 0,
  upsertedCount: 1
}
Atlas atlas-vvji9l-shard-0 [primary] myDB> db.Student1.find();
[{
  _id: 1,
  StudName: "MichelleJacintha",
  Grade: "VII",
  Hobbies: "Internetsurfing"
}, {
  _id: 1, Grade: "VII", StudName: "AryanDavid", Hobbies: "Skating"
}]
Activities Terminal Mar 11 15:22
mongosh mongodb+srv://<credentials>@cluster0.tud3r.mongodb.net/
[ _id: 3, Grade: "VII", StudName: "AryanDavid", Hobbies: "Skating" ]
Atlas atlas-vvji9l-shard-0 [primary] myDB> db.Student1.update(
... { _id: 3, studname: "AryanDavid", Grade: "VII" },
... { $set: {Hobbies: "Chess"} }
... );
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Atlas atlas-vvji9l-shard-0 [primary] myDB> ds.Student1.find();
[{
  _id: 1,
  StudName: "MichelleJacintha",
  Grade: "VII",
  Hobbies: "Internetsurfing"
}, {
  _id: 3, Grade: "VII", StudName: "AryanDavid", Hobbies: "Chess"
}]
Atlas atlas-vvji9l-shard-0 [primary] myDB> db.Student.find({Studname: "Aryan David"});
Atlas atlas-vvji9l-shard-0 [primary] myDB> db.Student.find({StudName: "Aryan David"});
Atlas atlas-vvji9l-shard-0 [primary] myDB> db.Student1.find({StudName: "AryanDavid"});
[ { _id: 3, Grade: "VII", StudName: "AryanDavid", Hobbies: "Chess" } ]
Atlas atlas-vvji9l-shard-0 [primary] myDB> db.Student1.find({}, {StudName: 1, GrGrade: 1, _id: 0});
[ {
  StudName: "MichelleJacintha", Grade: "VII" ,
  Grade: "VII", StudName: "AryanDavid"
} ]
Atlas atlas-vvji9l-shard-0 [primary] myDB> db.Student1.find({}, {StudName: 1, Grade: 1, _id: 0});
[ {
  StudName: "MichelleJacintha", Grade: "VII" ,
  Grade: "VII", StudName: "AryanDavid"
} ]
Atlas atlas-vvji9l-shard-0 [primary] myDB> db.Student1.find({Grade: {Seq: "VII"}}).pretty();
[ {
  {
    _id: 3,
    StudName: "MichelleJacintha",
    Grade: "VII",
    Hobbies: "Internetsurfing"
  },
  {
    _id: 3, Grade: "VII", StudName: "AryanDavid", Hobbies: "Chess"
  }
]
Atlas atlas-vvji9l-shard-0 [primary] myDB> db.Student1.find({Hobbies: { $in: ['Chess', 'Skating'] }}).pretty();
[ { _id: 1, Grade: "VII", StudName: "AryanDavid", Hobbies: "Chess" } ]
Atlas atlas-vvji9l-shard-0 [primary] myDB> db.Student1.find({studName: /^M/}).pretty();
[ {
}
]

```

```

Activities Terminal Mar 11 15:22
mongosh mongodb+srv://<credentials>@cluster0.tud3r.mongodb.net/
[1]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({StudName: /^M/}).pretty();
[
  {
    _id: 1,
    StudName: 'MichelleJacintha',
    Grade: 'VII',
    Hobbies: 'InternetSurfing'
  }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({StudName: /e/}).pretty();
[
  {
    _id: 1,
    StudName: 'MichelleJacintha',
    Grade: 'VII',
    Hobbies: 'InternetSurfing'
  }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.count();
DeprecationWarning: Collection.count() is deprecated. Use countDocuments or estimatedDocumentCount.
2
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find().sort({StudName: -1}).pretty();
[
  {
    _id: 1,
    StudName: 'MichelleJacintha',
    Grade: 'VII',
    Hobbies: 'InternetSurfing'
  },
  {
    _id: 2, Grade: 'VII', StudName: 'AryanDavid', Hobbies: 'Chess' }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB>
(To exit, press Ctrl+c again or Ctrl+d or type .exit)
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find().pretty();
[
  {
    _id: 1,
    StudName: 'MichelleJacintha',
    Grade: 'VII',
    Hobbies: 'InternetSurfing'
  },
  {
    _id: 2, Grade: 'VII', StudName: 'AryanDavid', Hobbies: 'Chess' }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student3.find();
{
  {
    _id: ObjectId("67d0009c20453206f8c4ffcc"),
    StudName: 'AryanDavid',
    Grade: 'VIII',
    Hobbies: 'Chess'
  },
  {
    _id: ObjectId("67d0009c20453206f8c4ffd"),
    StudName: 'MichelleJacintha',
    Grade: 'VIII',
    Hobbies: 'Skating'
  }
}

Activities Terminal Mar 11 15:21
mongosh mongodb+srv://<credentials>@cluster0.tud3r.mongodb.net/
[1]
bnsecce@bnsecce-HP-Elite-Tower-800-G9-Desktop-PC: $ mongosh "mongodb+srv://cluster0.tud3r.mongodb.net/" --apiver 1 --username marlacs22 --password 8Ja9u6zIrEjz8lot
Current Mongosh Log ID: 67cff8b58798ab5f31c00e7d
Connecting to: mongodb+srv://<credentials>@cluster0.tud3r.mongodb.net/?appName=mongosh+2.2.1
Using MongoDB: 8.0.5 (API Version 1)
Using Mongosh: 2.2.1
mongosh 2.4.2 is available for download: https://www.mongodb.com/try/download/shell
For mongosh info see: https://docs.mongodb.com/mongodb-shell/
Atlas atlas-vvji9t-shard-0 [primary] test>
Atlas atlas-vvji9t-shard-0 [primary] test> use myDB
switched to db myDB
Atlas atlas-vvji9t-shard-0 [primary] myDB> create.collection("Student1");
ReferenceError: create is not defined
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.createCollection("Student1");
Unccaught:
SyntaxError: Unexpected token, expected "," (1:29)
> 1 | db.createCollection("Student1");
> 2 |
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.createCollection("student1");
{ ok: 1 }
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.insert({
  ...
  StudName: "MichelleJacintha",
  ...
  Grade: "VII",
  ...
  Hobbies: "InternetSurfing"
  ...
});
DeprecationWarning: Collection.insert() is deprecated. Use insertOne, insertMany, or bulkWrite.
[ acknowledged: true,
  insertedId: 1,
  matchedCount: 0,
  modifiedCount: 0,
  upsertedCount: 1 ]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.update(
  { _id: 1 }, StudName: "AryanDavid", Grade: "VII" ),
  { $set: { hobbies: "Skating" } },
  { upsert: true }
);
DeprecationWarning: Collection.update() is deprecated. Use updateOne, updateMany, or bulkWrite.
[ acknowledged: true,
  insertedId: 1,
  matchedCount: 0,
  modifiedCount: 0,
  upsertedCount: 1 ]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find();
{
  {
    _id: 1,
    StudName: 'MichelleJacintha',
    Grade: 'VII',
    Hobbies: 'InternetSurfing'
  },
  {
    _id: 2, Grade: 'VII', StudName: 'AryanDavid', Hobbies: 'Skating' }
}

```

```
Activities Terminal Mar 11 15:22
mongosh mongodb+srv://<credentials>@cluster0.tud3r.mongodb.net/
[{"_id": 3, "Grade": "VII", "StudName": "AryanDavid", "Hobbies": "Skating"}]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.update(
...   {"_id": 3, "StudName": "AryanDavid", "Grade": "VII"}, 
...   {"$set": {"Hobbies": "Chess"}}
... );
{
  "acknowledged": true,
  "insertedId": null,
  "matchedCount": 1,
  "modifiedCount": 1,
  "upsertedCount": 0
}
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find();
ReferenceError: ds is not defined
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find();
[
  {
    "_id": 3,
    "StudName": "MichelleJacintha",
    "Grade": "VII",
    "Hobbies": "InternetSurfing"
  },
  {"_id": 3, "Grade": "VII", "StudName": "AryanDavid", "Hobbies": "Chess"}
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({StudName: "Aryan David"});
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({StudName: "AryanDavid"});
[{"_id": 3, "Grade": "VII", "StudName": "AryanDavid", "Hobbies": "Chess"}]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({}, {StudName: 1, _id: 0});
[
  {"StudName": "MichelleJacintha", "Grade": "VII"}, 
  {"Grade": "VII", "StudName": "AryanDavid"}
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({}, {StudName: 1, Grade: 1, _id: 0});
[
  {"StudName": "MichelleJacintha", "Grade": "VII"}, 
  {"Grade": "VII", "StudName": "AryanDavid"}
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({Grade: {"$eq": "VII"}}).pretty();
[
  {
    "_id": 3,
    "StudName": "MichelleJacintha",
    "Grade": "VII",
    "Hobbies": "InternetSurfing"
  },
  {"_id": 3, "Grade": "VII", "StudName": "AryanDavid", "Hobbies": "Chess"}
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({Hobbies: { $in: [ "Chess", "Skating" ] }}).pretty();
[{"_id": 3, "Grade": "VII", "StudName": "AryanDavid", "Hobbies": "Chess"}]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({StudName: /M/}).pretty();
[{"_id": 3, "Grade": "VII", "StudName": "AryanDavid", "Hobbies": "Chess"}]
```

```
Activities Terminal Mar 11 15:22
mongosh mongodb+srv://<credentials>@cluster0.tud3r.mongodb.net/
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({StudName: /^M/}).pretty();
[
  {
    "_id": 3,
    "StudName": "MichelleJacintha",
    "Grade": "VII",
    "Hobbies": "InternetSurfing"
  }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({StudName: /e/}).pretty();
[
  {
    "_id": 3,
    "StudName": "MichelleJacintha",
    "Grade": "VII",
    "Hobbies": "InternetSurfing"
  }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.count();
DeprecationWarning: Collection.count() is deprecated. Use countDocuments or estimatedDocumentCount.
2
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find().sort({StudName: -1}).pretty();
[
  {
    "_id": 3,
    "StudName": "MichelleJacintha",
    "Grade": "VII",
    "Hobbies": "InternetSurfing"
  },
  {"_id": 3, "Grade": "VII", "StudName": "AryanDavid", "Hobbies": "Chess"}
]
Atlas atlas-vvji9t-shard-0 [primary] myDB>
(To exit, press Ctrl+c again or Ctrl+d or type .exit)
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find().pretty();
[
  {
    "_id": 3,
    "StudName": "MichelleJacintha",
    "Grade": "VII",
    "Hobbies": "InternetSurfing"
  },
  {"_id": 3, "Grade": "VII", "StudName": "AryanDavid", "Hobbies": "Chess"}
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student3.find();
[
  {
    "_id": ObjectId("67d0009c20453206f8c4ffcc"),
    "StudName": "AryanDavid",
    "Grade": "VII",
    "Hobbies": "Chess"
  },
  {
    "_id": ObjectId("67d0009c20453206f8c4ffcd"),
    "StudName": "MichelleJacintha",
    "Grade": "VII",
    "Hobbies": "InternetSurfing"
  }
]
```

```
Activities Terminal Mar 11 15:23
mongosh mongodb+srv://<credentials>@cluster0.tud3r.mongodb.net/
[{"Hobbies: "InternetSurfing"}]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.save({StudName: "Vansh", Grade: "VII"})
TypeError: db.Student1.save is not a function
Atlas atlas-vvji9t-shard-0 [primary] myDB> use myDB;
already on db myDB
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.insertOne({ StudName: "Vansh", Grade: "VII" });
{
  acknowledged: true,
  insertedId: ObjectId("67d0031a8790ab5f31c00e7e")
}
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find()
[
  {
    _id: '',
    StudName: "MichelleJacintha",
    Grade: "VII",
    Hobbies: "InternetSurfing"
  },
  { _id: '', Grade: "VII", StudName: "AryanDavid", Hobbies: "Chess" },
  {
    _id: ObjectId("67d0031a8790ab5f31c00e7e"),
    StudName: "Vansh",
    Grade: "VII"
  }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.insertOne({
  ...
  _id: '',
  ...
  StudName: "JohnDoe",
  ...
  Grade: "VIII",
  ...
  Hobbies: "Reading",
  ...
  Location: "abc"
  ...
});
{
  acknowledged: true,
  insertedId: 4
}
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find()
[
  {
    _id: 1,
    StudName: "MichelleJacintha",
    Grade: "VII",
    Hobbies: "InternetSurfing"
  },
  { _id: 3, Grade: "VII", StudName: "AryanDavid", Hobbies: "Chess" },
  {
    _id: ObjectId("67d0031a8790ab5f31c00e7e"),
    StudName: "Vansh",
    Grade: "VII"
  },
  {
    _id: 4,
    StudName: "JohnDoe",
    Grade: "VIII",
    Hobbies: "Reading",
    Location: "abc"
  }
]
```

```
Activities Terminal Mar 11 15:23
mongosh mongodb+srv://<credentials>@cluster0.tud3r.mongodb.net/
[{"Location: "abc"}]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.updateOne(
  { _id: 1 },
  { $set: { Location: "Network" } } // Set the Location field to "Network"
);
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find()
[
  {
    _id: 1,
    StudName: "MichelleJacintha",
    Grade: "VII",
    Hobbies: "InternetSurfing"
  },
  { _id: 3, StudName: "AryanDavid", Grade: "VII", Hobbies: "Chess" }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find()
[
  {
    _id: '',
    StudName: "MichelleJacintha",
    Grade: "VII",
    Hobbies: "InternetSurfing"
  },
  { _id: 3, Grade: "VII", StudName: "AryanDavid", Hobbies: "Chess" },
  {
    _id: ObjectId("67d0031a8790ab5f31c00e7e"),
    StudName: "Vansh",
    Grade: "VII"
  },
  {
    _id: '',
    StudName: "JohnDoe",
    Grade: "VIII",
    Hobbies: "Reading",
    Location: "Network"
  }
]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({_id: 1}, {StudName: 1, Grade: 1, _id: 0});
[ { StudName: "MichelleJacintha", Grade: "VII" } ]
Atlas atlas-vvji9t-shard-0 [primary] myDB> db.Student1.find({Grade: {Sne: "VII"}});
[
  {
    _id: ObjectId("67d0031a8790ab5f31c00e7e"),
    StudName: "Vansh",
    Grade: "VII"
  }
]
```

```
Activities Terminal Mar 11 15:24
mongosh mongodb+srv://<credentials>@cluster0.tud3r.mongodb.net/
{
  "_id": 1,
  "StudentName": "JohnDoe",
  "Grade": "VIII",
  "Hobbies": "Reading",
  "Location": "Network"
}
]
Atlas atlas-vvji9l-shard-0 [primary] myDB> db.Student1.find({StudentName: /$$/});
Atlas atlas-vvji9l-shard-0 [primary] myDB> db.Student1.updateOne(
... { _id: 3 }, // Find the document with _id=3
... { $set: { Location: "Network" } } // Set the Location field to "Network"
... );
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Atlas atlas-vvji9l-shard-0 [primary] myDB> db.Student1.find();
[
  {
    "_id": 1,
    "StudentName": "MichelleJacintha",
    "Grade": "VII",
    "Hobbies": "InternetSurfing"
  },
  {
    "_id": 3,
    "Grade": "VII",
    "StudentName": "AryanDavid",
    "Hobbies": "Chess",
    "Location": "Network"
  },
  {
    "_id": ObjectId("57d0031a8790ab5f31c00e7e"),
    "StudentName": "Vansh",
    "Grade": "VI"
  },
  {
    "_id": 4,
    "StudentName": "JohnDoe",
    "Grade": "VIII",
    "Hobbies": "Reading",
    "Location": "Network"
  }
]
Atlas atlas-vvji9l-shard-0 [primary] myDB> db.Student1.updateOne({ _id: 3 }, { $set: { Location: null } });
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
```

```
Activities Terminal Mar 11 15:24
mongosh mongodb+srv://<credentials>@cluster0.tud3r.mongodb.net/
{
  ...
  upsertedCount: 0
}
Atlas atlas-vvji9l-shard-0 [primary] myDB> db.Student1.find();
[
  {
    "_id": 1,
    "StudentName": "MichelleJacintha",
    "Grade": "VII",
    "Hobbies": "InternetSurfing"
  },
  {
    "_id": 3,
    "Grade": "VII",
    "StudentName": "AryanDavid",
    "Hobbies": "Chess",
    "Location": null
  },
  {
    "_id": ObjectId("57d0031a8790ab5f31c00e7e"),
    "StudentName": "Vansh",
    "Grade": "VI"
  },
  {
    "_id": 4,
    "StudentName": "JohnDoe",
    "Grade": "VIII",
    "Hobbies": "Reading",
    "Location": "Network"
  }
]
Atlas atlas-vvji9l-shard-0 [primary] myDB> db.Student1.count();
4
Atlas atlas-vvji9l-shard-0 [primary] myDB> db.Student1.countDocuments({Grade: "VII"});
2
Atlas atlas-vvji9l-shard-0 [primary] myDB> db.Student1.find({Grade: "VII"}).limit();
[
  {
    ...
  }
]
Atlas atlas-vvji9l-shard-0 [primary] myDB> db.Student1.find().sort({StudentName: 1});
[
  {
    ...
  }
]
```

```

Activities Terminal Mar 11 15:24
mongosh mongodb+srv://<credentials>@cluster0.tud3r.mongodb.net/
[1]
Atlas atlas-vvj19t-shard-0 [primary] myDB> db.Student1.find().sort({StudName: 1});
[
  {
    _id: 3,
    Grade: 'VII',
    StudName: 'AryanDavid',
    Hobbies: 'Chess',
    Location: null
  },
  {
    _id: 4,
    StudName: 'JohnDoe',
    Grade: 'VIII',
    Hobbies: 'Reading',
    Location: 'Network'
  },
  {
    _id: 1,
    StudName: 'MichelleAcintha',
    Grade: 'VII',
    Hobbies: 'Internetsurfing'
  },
  {
    _id: ObjectId("67d0031a8790ab5f31c00e7e"),
    StudName: 'Vanst',
    Grade: 'VI'
  }
]
Atlas atlas-vvj19t-shard-0 [primary] myDB> db.Student1.find().skip(2);
[
  {
    _id: ObjectId("67d0031a8790ab5f31c00e7e"),
    StudName: 'Vanst',
    Grade: 'VI'
  },
  {
    _id: 4,
    StudName: 'JohnDoe',
    Grade: 'VIII',
    Hobbies: 'Reading',
    Location: 'Network'
  }
]
Atlas atlas-vvj19t-shard-0 [primary] myDB> db.food.insert({_id: 1, fruits: ['grapes', 'mango', 'apple']});
{
  acknowledged: true,
  insertedIds: ['0: 1'],
  insertedCount: 1
}
Atlas atlas-vvj19t-shard-0 [primary] myDB> db.food.insert({_id: 2, fruits: ['grapes', 'mango', 'cherry']});
{
  acknowledged: true,
  insertedIds: ['0: 2'],
  insertedCount: 1
}
Atlas atlas-vvj19t-shard-0 [primary] myDB> db.food.insert({_id: 3, fruits: ['banana', 'mango']});
{
  acknowledged: true,
  insertedIds: ['0: 3'],
  insertedCount: 1
}
Atlas atlas-vvj19t-shard-0 [primary] myDB>
Atlas atlas-vvj19t-shard-0 [primary] myDB> db.food.find()
[
  { _id: 1, fruits: [ 'grapes', 'mango', 'apple' ] },
  { _id: 2, fruits: [ 'grapes', 'mango', 'cherry' ] },
  { _id: 3, fruits: [ 'banana', 'mango' ] }
]

Activities Terminal Mar 11 15:24
mongosh mongodb+srv://<credentials>@cluster0.tud3r.mongodb.net/
[1]
[{"_id: 2, fruits: [ 'grapes', 'mango', 'cherry' ] },
 {"_id: 3, fruits: [ 'banana', 'mango' ] }]
Atlas atlas-vvj19t-shard-0 [primary] myDB> db.food.find({ fruits: ['grapes', 'Mango', 'apple'] });
[ { _id: 1, fruits: [ 'grapes', 'mango', 'apple' ] } ]
Atlas atlas-vvj19t-shard-0 [primary] myDB> db.food.find({ "fruits": "grapes" });
[ { _id: 1, fruits: [ 'grapes', 'mango', 'apple' ] } ]
Atlas atlas-vvj19t-shard-0 [primary] myDB> db.food.find({ "fruits.1": "grapes" });
[ { _id: 1, fruits: [ 'grapes', 'mango', 'apple' ] } ]
Atlas atlas-vvj19t-shard-0 [primary] myDB> db.food.find({ "fruits": {$size: 2} });
[ { _id: 1, fruits: [ 'grapes', 'mango', 'apple' ] } ]
Atlas atlas-vvj19t-shard-0 [primary] myDB> db.food.find({ "_id: 1, { "fruits": {$size: 2} } });
[ { _id: 1, fruits: [ 'grapes', 'mango' ] } ]
Atlas atlas-vvj19t-shard-0 [primary] myDB> db.food.find({ "fruits": { $all: [ "mango", "grapes" ] } });
[ { _id: 1, fruits: [ 'grapes', 'mango', 'apple' ] },
  { _id: 2, fruits: [ 'grapes', 'mango', 'cherry' ] } ]
Atlas atlas-vvj19t-shard-0 [primary] myDB> db.food.find({ "fruits.0": "grapes" });
[ { _id: 1, fruits: [ 'grapes', 'mango', 'apple' ] },
  { _id: 2, fruits: [ 'grapes', 'mango', 'cherry' ] } ]
Atlas atlas-vvj19t-shard-0 [primary] myDB> db.food.find();
[ { _id: 1, fruits: [ 'grapes', 'mango', 'apple' ] },
  { _id: 2, fruits: [ 'grapes', 'mango', 'cherry' ] },
  { _id: 3, fruits: [ 'banana', 'mango' ] } ]
Atlas atlas-vvj19t-shard-0 [primary] myDB> db.food.update({_id: 3}, { $set: { "fruits.1": "apple" } });
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Atlas atlas-vvj19t-shard-0 [primary] myDB> db.food.find()
[ { _id: 1, Fruits: [ 'grapes', 'mango', 'apple' ] },
  { _id: 2, fruits: [ 'grapes', 'mango', 'cherry' ] },
  { _id: 3, fruits: [ 'banana', 'apple' ] } ]
Atlas atlas-vvj19t-shard-0 [primary] myDB> db.food.update({_id: 2}, { $push: { price: { grapes: 80, mango: 200, cherry: 100 } } });
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Atlas atlas-vvj19t-shard-0 [primary] myDB> db.food.find()
[ { _id: 1, fruits: [ 'grapes', 'mango', 'apple' ] },
  { _id: 2,
    fruits: [ 'grapes', 'mango', 'cherry' ],
    price: [ { grapes: 80, mango: 200, cherry: 100 } ] }
]

```

```
Activities Terminal Mar 11 15:25
mongosh mongodb+srv://<credentials>@cluster0.tu3r.mongodb.net/
[{"price": [{"grapes": 80, "mango": 200, "cherry": 100}], "_id": 3, "fruits": ["banana", "apple"]}, {"_id": 1, "fruits": ["grapes", "mango"]}], {"acknowledged": true, "insertedId": null, "matchedCount": 1, "modifiedCount": 1, "upsertedCount": 0}], {"_id": 1, "fruits": ["grapes", "mango", "cherry"], "price": [{"grapes": 80, "mango": 200, "cherry": 100}]}, {"_id": 3, "fruits": ["banana", "apple"]}], {"_id": 1, "fruits": ["grapes", "mango", "orange"]}], {"acknowledged": true, "insertedId": null, "matchedCount": 1, "modifiedCount": 1, "upsertedCount": 0}], {"_id": 1, "fruits": ["grapes", "mango", "orange"], {"_id": 2, "fruits": ["grapes", "mango", "cherry"], "price": [{"grapes": 80, "mango": 200, "cherry": 100}]}, {"_id": 3, "fruits": ["banana", "apple"]}], {"_id": 1, "fruits": ["grapes", "mango", "orange"]}], {"acknowledged": true, "insertedId": null, "matchedCount": 1, "modifiedCount": 1, "upsertedCount": 0}], {"_id": 1, "fruits": ["grapes", "mango", "orange"], {"_id": 2, "fruits": ["cherry"], "price": [{"grapes": 80, "mango": 200, "cherry": 100}]}]
```

```
Activities Terminal MongoDB Shell
mongosh mongodb+srv://<credentials>@cluster0.tud3r.mongodb.net/
MongoDB shell version: 4.4.5
connecting to: mongodb+srv://<credentials>@cluster0.tud3r.mongodb.net/<dbname>?retryWrites=true&w=majority
[{"$set": {"fruits": ["banana", "apple"]}}, {"$inc": {"price": 100}}]
{
  "_id": 3,
  "fruits": ["banana", "apple"]
}
Atlas atlas-vvj19t-shard-0 [primary] myDB> db.food.update({ _id: 3 }, { $pull: { fruits: 'banana' } });
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Atlas atlas-vvj19t-shard-0 [primary] myDB> db.food.find()
[
  {
    "_id": 1,
    "fruits": ["grapes", "mango", "orange"]
  },
  {
    "_id": 2,
    "fruits": ["cherry"],
    "price": 80,
    "mango": 200,
    "cherry": 100
  },
  {
    "_id": 3,
    "fruits": ["apple"]
  }
]
Atlas atlas-vvj19t-shard-0 [primary] myDB> db.createCollection("Customers");
{
  ok: 1
}
Atlas atlas-vvj19t-shard-0 [primary] myDB>
Atlas atlas-vvj19t-shard-0 [primary] myDB> db.Customers.insertMany([
  {
    custID: 1, AcctBal: 1000, AcctType: "$"
  },
  {
    custID: 2, AcctBal: 1500, AcctType: "$"
  },
  {
    custID: 1, AcctBal: 1200, AcctType: "C"
  },
  {
    custID: 3, AcctBal: 800, AcctType: "$"
  },
  {
    custID: 2, AcctBal: 500, AcctType: "$"
  }
]);
{
  acknowledged: true,
  insertedIds: [
    {
      '_id': ObjectId('67d007098790ab5f31c00e7f'),
      '1': ObjectId('67d007098790ab5f31c00e80'),
      '2': ObjectId('67d007098790ab5f31c00e81'),
      '3': ObjectId('67d007098790ab5f31c00e82'),
      '4': ObjectId('67d007098790ab5f31c00e83')
    }
  ]
}
Atlas atlas-vvj19t-shard-0 [primary] myDB> db.Customer.find()
Atlas atlas-vvj19t-shard-0 [primary] myDB> db.Customers.find()
[
  {
    "_id": ObjectId('67d007098790ab5f31c00e7f'),
    "custID": 1,
    "AcctBal": 1000,
    "AcctType": "$"
  },
  {
    "_id": ObjectId('67d007098790ab5f31c00e80'),
    "custID": 2,
    "AcctBal": 1500,
    "AcctType": "$"
  }
]
```

```

Activities Terminal Mar 11 15:25
mongosh mongodb+srv://<credentials>@cluster0.tud3r.mongodb.net/
[1]
Atlas atlas-vvj9t-shard-0 [primary] myDB> db.Customers.find()
[
  {
    "_id": ObjectId("67d007098790ab5f31c00e7f"),
    "custID": 1000,
    "AcctBal": 1000,
    "AccType": "S"
  },
  {
    "_id": ObjectId("67d007098790ab5f31c00e80"),
    "custID": ,
    "AcctBal": 1500,
    "AccType": "S"
  },
  {
    "_id": ObjectId("67d007098790ab5f31c00e81"),
    "custID": ,
    "AcctBal": 1200,
    "AccType": "C"
  },
  {
    "_id": ObjectId("67d007098790ab5f31c00e82"),
    "custID": ,
    "AcctBal": 800,
    "AccType": "S"
  },
  {
    "_id": ObjectId("67d007098790ab5f31c00e83"),
    "custID": ,
    "AcctBal": 500,
    "AccType": "S"
  }
]
Atlas atlas-vvj9t-shard-0 [primary] myDB> db.Customers.aggregate([
  ...
  {
    $group: {
      "_id": "$custID",
      "TotAccBal": { $sum: "$AcctBal" }
    }
  }
]);
[
  { _id: 1, TotAccBal: 2000 },
  { _id: 2, TotAccBal: 800 },
  { _id: 3, TotAccBal: 2200 }
]
Atlas atlas-vvj9t-shard-0 [primary] myDB> db.Customers.aggregate([
  ...
  {
    $group: {
      "_id": "$custID",
      "TotAccBal": { $sum: "$AcctBal" }
    }
  }
]);
Mar 11 15:26
bmsccse@bmsccse-HP-Elite-Tower-800-G9-Desktop-PC: ~
bmsccse@bmsccse-HP-Elite-Tower-800-G9-Desktop-PC: $ mongoexport
2025-03-11T14:39:05.282+0530  must specify a collection
2025-03-11T14:39:05.282+0530  try 'mongoexport --help' for more information
bmsccse@bmsccse-HP-Elite-Tower-800-G9-Desktop-PC: $ ^[[200-mongosh "mongodb+srv://cluster0.tud3r.mongodb.net/" --apiVersion 1 --username mariacs22 --password 8Ja9u6zIrEjzBlot
bmsccse@bmsccse-HP-Elite-Tower-800-G9-Desktop-PC: $ mongosh "mongodb+srv://cluster0.tud3r.mongodb.net/" --apiVersion 1 --username mariacs22 --password 8Ja9u6zIrEjzBlot
Current Mongosh Log ID: 67cffdfrcba3c80154c00e7d
Connecting to: mongodb+srv://<credentials>@cluster0.tud3r.mongodb.net/?appName=mongosh+2.2.1
Using Mongosh: 2.2.1
Using Node.js: 0.9.5 (API Version 1)
Using Npm: 2.2.1
mongosh 2.4.2 is available for download: https://www.mongodb.com/try/download/shell
For mongosh info see: https://docs.mongodb.com/mongodb-shell/
Atlas atlas-vvj9t-shard-0 [primary] test> use myDB;
switched to db myDB
Atlas atlas-vvj9t-shard-0 [primary] myDB> mongoexport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --fields "stu
dName,Grade,Hobbies"
Unccaught:
SyntaxError: Missing semicolon. (1:14)
> 1 | mongoexport -uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --fields "StudName,Grade,Hobbies"
2 |
Atlas atlas-vvj9t-shard-0 [primary] myDB> mongoexport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --fields "stu
dName,Grade,Hobbies"
Unccaught:
SyntaxError: Missing semicolon. (1:14)
> 1 | mongoexport -uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --fields "StudName,Grade,Hobbies"
2 |
Atlas atlas-vvj9t-shard-0 [primary] myDB> (To exit, press Ctrl+c again or Ctrl+d or type .exit)
Atlas atlas-vvj9t-shard-0 [primary] myDB> mongoexport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --fields "stu
dName,Grade,Hobbies"
Unccaught:
SyntaxError: Missing semicolon. (1:14)
> 1 | mongoexport -uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --fields "StudName,Grade,Hobbies"
2 |
Atlas atlas-vvj9t-shard-0 [primary] myDB> exit
bmsccse@bmsccse-HP-Elite-Tower-800-G9-Desktop-PC: $ mongoexport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --
fields "StudName,Grade,Hobbies"
2025-03-11T14:42:20.815+0530  Connected to: mongodb+srv://[*REDACTED*]@cluster0.tud3r.mongodb.net/myDB
2025-03-11T14:42:21.048+0530  exported 2 records
bmsccse@bmsccse-HP-Elite-Tower-800-G9-Desktop-PC: $
bmsccse@bmsccse-HP-Elite-Tower-800-G9-Desktop-PC: $ mongoexport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --file

```

```

Activities Terminal Mar 11 15:26
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~

Atlas atlas-vvji9l-shard-0 [primary] myDB>
(To exit, press Ctrl+c again or Ctrl+d or type .exit)
Atlas atlas-vvji9l-shard-0 [primary] myDB> mongoexport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --fields "Stu
dName,Grade,Hobbies"
Unccaught:
SyntaxError: Missing semicolon. (1:14)
> 1 | mongoexport -u "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --fields "StuName,Grade,Hobbies"
2 |

Atlas atlas-vvji9l-shard-0 [primary] myDB> exit
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~ mongoexport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --
fields "StuName,Grade,Hobbies"

2025-03-11T14:42:20.815+0530 connected to: mongodb+srv://[*REDACTED*]@cluster0.tud3r.mongodb.net/myDB
2025-03-11T14:42:21.068+0530 exported 2 records
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~ mongoexport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/out.txt" --file
ds "StuName,Grade,Hobbies"

2025-03-11T14:43:35.174+0530 connected to: mongodb+srv://[*REDACTED*]@cluster0.tud3r.mongodb.net/myDB
2025-03-11T14:43:35.437+0530 exported 2 records
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~ mongoexport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/qwer.txt" --fi
elds "StuName,Grade,Hobbies"
2025-03-11T14:44:22.053+0530 connected to: mongodb+srv://[*REDACTED*]@cluster0.tud3r.mongodb.net/myDB
2025-03-11T14:44:22.529+0530 exported 2 records
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~ whoami
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~ ^C
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~ $ mongoexport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "/home/bmseccse/De
sktop/qwer.csv" --fields "StuName,Grade,Hobbies"
2025-03-11T14:47:52.993+0530 connected to: mongodb+srv://[*REDACTED*]@cluster0.tud3r.mongodb.net/myDB
2025-03-11T14:47:53.277+0530 exported 2 records
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~ mongoimport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student3 --type csv --file "/home/bmseccse/D
esktop/qwer.csv" --headerline
2025-03-11T14:51:32.105+0530 connected to: mongodb+srv://[*REDACTED*]@cluster0.tud3r.mongodb.net/myDB
2025-03-11T14:51:32.316+0530 2 document(s) imported successfully. 0 document(s) failed to import.
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~ $ mongoimport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --headerline --file ~/D
ownloads/airline.csv
2025-03-11T14:55:09.112+0530 Failed: open /home/bmseccse/Downloads/airline.csv: no such file or directory
2025-03-11T14:55:09.112+0530 0 document(s) imported successfully. 0 document(s) failed to import.
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~ mongoimport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --headerline --file ~/D
esktop/airline.csv
2025-03-11T14:56:05.413+0530 Failed: open /home/bmseccse/Desktop/airline.csv: no such file or directory
2025-03-11T14:56:05.413+0530 0 document(s) imported successfully. 0 document(s) failed to import.
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~ mongoimport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type=csv --out ~/Downloads/airline.csv --fields "Year","Quarter"
2025-03-11T14:58:48.871+0530 exported 0 records
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~

Activities Terminal Mar 11 15:26
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~

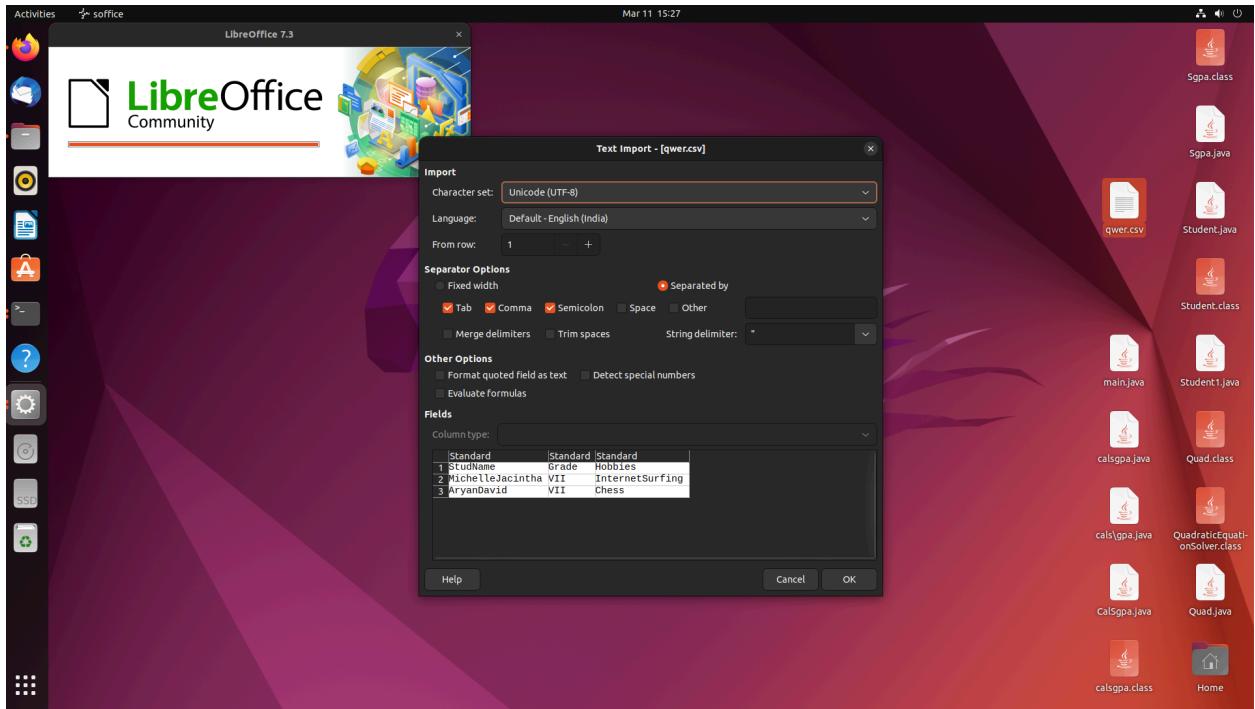
dnName,Grade,Hobbies"
Unccaught:
SyntaxError: Missing semicolon. (1:14)
> 1 | mongoexport -u "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --fields "StuName,Grade,Hobbies"
2 |

Atlas atlas-vvji9l-shard-0 [primary] myDB> exit
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~ mongoexport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/output.txt" --
fields "StuName,Grade,Hobbies"

2025-03-11T14:42:20.815+0530 connected to: mongodb+srv://[*REDACTED*]@cluster0.tud3r.mongodb.net/myDB
2025-03-11T14:42:21.068+0530 exported 2 records
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~ mongoexport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/out.txt" --file
ds "StuName,Grade,Hobbies"

2025-03-11T14:43:35.174+0530 connected to: mongodb+srv://[*REDACTED*]@cluster0.tud3r.mongodb.net/myDB
2025-03-11T14:43:35.437+0530 exported 2 records
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~ mongoexport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "D:/qwer.txt" --fi
elds "StuName,Grade,Hobbies"
2025-03-11T14:44:22.053+0530 connected to: mongodb+srv://[*REDACTED*]@cluster0.tud3r.mongodb.net/myDB
2025-03-11T14:44:22.529+0530 exported 2 records
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~ whoami
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~ ^C
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~ $ mongoexport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --out "/home/bmseccse/De
sktop/qwer.csv" --fields "StuName,Grade,Hobbies"
2025-03-11T14:47:52.993+0530 connected to: mongodb+srv://[*REDACTED*]@cluster0.tud3r.mongodb.net/myDB
2025-03-11T14:47:53.277+0530 exported 2 records
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~ mongoimport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student3 --type csv --file "/home/bmseccse/D
esktop/qwer.csv" --headerline
2025-03-11T14:51:32.105+0530 connected to: mongodb+srv://[*REDACTED*]@cluster0.tud3r.mongodb.net/myDB
2025-03-11T14:51:32.316+0530 2 document(s) imported successfully. 0 document(s) failed to import.
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~ $ mongoimport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --headerline --file ~/D
ownloads/airline.csv
2025-03-11T14:55:09.112+0530 Failed: open /home/bmseccse/Downloads/airline.csv: no such file or directory
2025-03-11T14:55:09.112+0530 0 document(s) imported successfully. 0 document(s) failed to import.
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~ mongoimport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type csv --headerline --file ~/D
esktop/airline.csv
2025-03-11T14:56:05.413+0530 Failed: open /home/bmseccse/Desktop/airline.csv: no such file or directory
2025-03-11T14:56:05.413+0530 0 document(s) imported successfully. 0 document(s) failed to import.
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~ mongoimport --uri "mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/myDB" --collection Student1 --type=csv --out ~/Downloads/airline.csv --fields "Year","Quarter"
2025-03-11T14:58:48.871+0530 exported 0 records
bmseccse@bmseccse-HP-Elite-Tower-800-G9-Desktop-PC: ~

```



The screenshot shows the MongoDB Compass interface connected to a database named 'test'. A collection named 'New_Student' is selected. The data grid displays six documents, each representing a student with fields: _id, RollNo, Age, Cont, and email. The documents are as follows:

- ```
_id: ObjectId('67c6c8281bcf8a0e28fa4216')
RollNo: 3
Age: 21
Cont: 5576
email: "anubhav.de9@gmail.com"
```
- ```
_id: ObjectId('67c6c81e1bcf8a0e28fa4215')
RollNo: 2
Age: 22
Cont: 9976
email: "anushka.de9@gmail.com"
```
- ```
_id: ObjectId('67c6c8141bcf8a0e28fa4214')
RollNo: 1
Age: 21
Cont: 9876
email: "tantara.de9@gmail.com"
```
- ```
_id: ObjectId('67c6c85d1bcf8a0e28fa4219')
RollNo: 11
Age: 22
Name: "FEM"
Cont: 2276
email: "rea.de9@gmail.com"
```
- ```
_id: ObjectId('67c6c82f1bcf8a0e28fa4217')
RollNo: 4
Age: 20
Cont: 4476
email: "pani.de9@gmail.com"
```
- ```
_id: ObjectId('67c6c8351bcf8a0e28fa4218')
RollNo: 10
Age: 23
Cont: 2276
email: "abhinav@gmail.com"
```

```

RollNo : 3
Age : 21
Cont : 5576
email : "anubhav.de9@gmail.com"

_id: ObjectId('67c6c01e1bcf8a6e28fa4215')
RollNo : 2
Age : 22
Cont : 9976
email : "anushka.de9@gmail.com"

_id: ObjectId('67c6c01a1bcf8a6e28fa4214')
RollNo : 1
Age : 21
Cont : 9876
email : "antara.de9@gmail.com"

_id: ObjectId('67c6c05d1bcf8a6e28fa4219')
RollNo : 11
Age : 22
Name : "FEM"
Cont : 2276
email : "rea.de9@gmail.com"

_id: ObjectId('67c6c02f1bcf8a6e28fa4217')
RollNo : 4
Age : 20
Cont : 4476
email : "pani.de9@gmail.com"

_id: ObjectId('67c6c0351bcf8a6e28fa4218')
RollNo : 18
Age : 23
Cont : 2276
email : "Abhinav@gmail.com"

```

Windows Taskbar: Search, File Explorer, Internet Explorer, Edge, Google Chrome, Microsoft Edge, File Manager, Task View, Taskbar Icons, System Tray.

System Tray: ENG IN, 15:30:44, 04-03-2025, Battery icon.

MongoDB Compass Screenshot:

- Connections:** BDA_Lab, cluster0.tud3r.mongodb.net (selected), config, local, myDB, sample_mflix, test, New_Student, Student.
- Test Collection:** Student
- Documents:** 6 documents listed.
- Document 1:**

```

_id: ObjectId('67c6c01a1bcf8a6e28fa4214')
RollNo : 1
Age : 21
Cont : 9876
email : "antara.de9@gmail.com"

```
- Document 2:**

```

_id: ObjectId('67c6c01e1bcf8a6e28fa4215')
RollNo : 2
Age : 22
Cont : 9976
email : "anushka.de9@gmail.com"

```
- Document 3:**

```

_id: ObjectId('67c6c02f1bcf8a6e28fa4217')
RollNo : 4
Age : 20
Cont : 4476
email : "pani.de9@gmail.com"

```
- Document 4:**

```

_id: ObjectId('67c6c0351bcf8a6e28fa4218')
RollNo : 18
Age : 23
Cont : 2276
email : "Abhinav@gmail.com"

```
- Document 5:**

```

_id: ObjectId('67c6c05d1bcf8a6e28fa4219')
RollNo : 11
Age : 22
Name : "FEM"
Cont : 2276
email : "rea.de9@gmail.com"

```
- Document 6:**

```

_id: ObjectId('67c6c01e1bcf8a6e28fa4216')
RollNo : 3
Age : 21
Cont : 5576
email : "anubhav.de9@gmail.com"

```

Windows Taskbar: Search, File Explorer, Internet Explorer, Edge, Google Chrome, Microsoft Edge, File Manager, Task View, Taskbar Icons, System Tray.

System Tray: ENG IN, 15:31:59, 04-03-2025, Battery icon.

MongoDB Compass - cluster0.tud3r.mongodb.net/test.Student

Connections Edit View Collection Help

Compass

My Queries

CONNECTIONS (2)

- 80A_Lab
- cluster0.tud3r.mongodb.net
 - admin
 - config
 - local
 - my08
 - sample_mflix
 - test
 - New_Student
 - Student

Student

cluster0.tud3r.mongodb.net > test > Student

Documents 6 Aggregations Schema Indexes Validation

Type a query: { field: 'value' } or [Generate query](#)

[ADD DATA](#) [EXPORT DATA](#) [UPDATE](#) [DELETE](#)

Explain Reset Find Options

25 1–6 of 6

<code>_id: ObjectId('67c6cd141bcf8a6e28fa4216')</code>	<code>RollNo: 1</code>	<code>Age: 21</code>	<code>Cont: 9876</code>	<code>email: "antara.de9@gmail.com"</code>
<code>_id: ObjectId('67c6cd281bcf8a6e28fa4215')</code>	<code>RollNo: 2</code>	<code>Age: 22</code>	<code>Cont: 9976</code>	<code>email: "anushka.de9@gmail.com"</code>
<code>_id: ObjectId('67c6cd2f1bcf8a6e28fa4216')</code>	<code>RollNo: 3</code>	<code>Age: 21</code>	<code>Cont: 5576</code>	<code>email: "anubhav.de9@gmail.com"</code>
<code>_id: ObjectId('67c6cd351bcf8a6e28fa4217')</code>	<code>RollNo: 4</code>	<code>Age: 20</code>	<code>Cont: 4476</code>	<code>email: "pani.de9@gmail.com"</code>
<code>_id: ObjectId('67c6cd351bcf8a6e28fa4218')</code>	<code>RollNo: 10</code>	<code>Age: 23</code>	<code>Cont: 2276</code>	<code>email: "Abhinav@gmail.com"</code>
<code>_id: ObjectId('67c6cd85d1bcf8a6e28fa4219')</code>	<code>RollNo: 11</code>	<code>Age: 22</code>	<code>Name: "FEH"</code>	<code>Cont: 2276</code>
			<code>email: "rea.de9@gmail.com"</code>	

abc - Excel

File Home Insert Page Layout Formulas Data Review View eScan DLP Classification

Calibri 11 A¹ A² A³ A⁴ A⁵ A⁶ A⁷ A⁸ A⁹ A¹⁰ A¹¹ A¹² A¹³ A¹⁴ A¹⁵ A¹⁶ A¹⁷ A¹⁸ A¹⁹ A²⁰ A²¹ A²² A²³ A²⁴ A²⁵ A²⁶ A²⁷ A²⁸ A²⁹ A³⁰ A³¹ A³² A³³ A³⁴ A³⁵ A³⁶

POSSIBLE DATA LOSS Some features might be lost if you save this workbook in the comma-delimited (.csv) format. To preserve these features, save it in an Excel file format.

Normal Bad Good Neutral Calculation

Check Cell Explanatory Input Linked Cell Note

AutoSum Fill Set & Find & Filter Select

Format Cells Editing

ABC

A1

```
[{"_id": {"$oid": "67c6cd141bcf8a6e28fa4214"}, "RollNo": 1, "Age": 21, "Cont": 9876, "email": "antara.de9@gmail.com"}, {"_id": {"$oid": "67c6cd281bcf8a6e28fa4215"}, "RollNo": 2, "Age": 22, "Cont": 9976, "email": "anushka.de9@gmail.com"}, {"_id": {"$oid": "67c6cd2f1bcf8a6e28fa4216"}, "RollNo": 3, "Age": 21, "Cont": 5576, "email": "anubhav.de9@gmail.com"}, {"_id": {"$oid": "67c6cd351bcf8a6e28fa4217"}, "RollNo": 4, "Age": 20, "Cont": 4476, "email": "pani.de9@gmail.com"}, {"_id": {"$oid": "67c6cd351bcf8a6e28fa4218"}, "RollNo": 10, "Age": 23, "Cont": 2276, "email": "Abhinav@gmail.com"}, {"_id": {"$oid": "67c6cd85d1bcf8a6e28fa4219"}, "RollNo": 11, "Age": 22, "Name": "FEH", "Cont": 2276, "email": "rea.de9@gmail.com"}]
```

ENG IN 15:22:11 04-03-2025

Ready 32°C Party sunny

Screenshot of a Windows desktop environment showing a code editor and a terminal window.

Code Editor (efg.json):

```

C:\Users\STUDENT> efg.json
[{"_id": {"$oid": "67cc0c141bcf8ae628fa4214"}, "RollNo": 1, "Age": 21, "Cont": 9876, "email": "antara.de@gmail.com"}, {"_id": {"$oid": "67cc0c1e1bcf8ae628fa4215"}, "RollNo": 2, "Age": 22, "Cont": 9976, "email": "anushka.de@gmail.com"}, {"_id": {"$oid": "67cc0c281bcf8ae628fa4216"}, "RollNo": 3, "Age": 21, "Cont": 5576, "email": "anubhav.de@gmail.com"}, {"_id": {"$oid": "67cc0c2f1bcf8ae628fa4217"}, "RollNo": 4, "Age": 20, "Cont": 4476, "email": "pani.de@gmail.com"}, {"_id": {"$oid": "67cc0c831bcf8ae628fa4218"}, "RollNo": 10, "Age": 23, "Cont": 3276, "email": "Abhinav@gmail.com"}, {"_id": {"$oid": "67cc0c6d1bcf8ae628fa4219"}, "RollNo": 11, "Age": 22, "Name": "FEM", "Cont": 2276, "email": "resad.e@gmail.com"}]

```

Terminal (Command Prompt):

```

Microsoft Windows [Version 10.0.22631.4890]
(c) Microsoft Corporation. All rights reserved.

C:\Users\STUDENT> mongoexport --uri="mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/test" --collection=Student --out=abc.csv
2025-03-04T15:09:05.137+0530      connected to: mongodb+srv://[**REDACTED**]@cluster0.tud3r.mongodb.net/test
2025-03-04T15:09:05.359+0530      exported 6 records

C:\Users\STUDENT> mongoexport --uri="mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/test" --collection=Student --out=efg.json
2025-03-04T15:14:50.067+0530      connected to: mongodb+srv://[**REDACTED**]@cluster0.tud3r.mongodb.net/test
2025-03-04T15:14:50.288+0530      exported 6 records

C:\Users\STUDENT> mongoimport --uri="mongodb+srv://mariacs22:8Ja9u6zIrEjzBlot@cluster0.tud3r.mongodb.net/test" --collection>New_Student --type=json --file="C:\Users\STUDENT\efg.json"
2025-03-04T15:15:35.501+0530      connected to: mongodb+srv://[**REDACTED**]@cluster0.tud3r.mongodb.net/test
2025-03-04T15:15:35.590+0530      6 document(s) imported successfully. 0 document(s) failed to import.

C:\Users\STUDENT>

```