

April Yang 9/4/2022 Exercise 4.3 - MongoDB Shell

```
mongosh mongodb+srv://<credentials>@cluster0.vvn3y4f.mongodb.net/web335DB

To enable free monitoring, run the following command: db.enableFreeMonitoring()
To permanently disable this reminder, run the following command: db.disableFreeMonitoring()
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Warning: Found ~/.mongorc.js, but not ~/.mongoshrc.js. ~/.mongorc.js will not be loaded.
You may want to copy or rename ~/.mongorc.js to ~/.mongoshrc.js.
test>
(To exit, press Ctrl+C again or Ctrl+D or type .exit)
test>

yangy@DESKTOP-82FE9B5 MINGW64 ~/desktop/BU-developer/buwebdev/web-335/week_4 (main)
$ ls
users.js

$ mongosh "mongodb+srv://cluster0.vvn3y4f.mongodb.net/web335DB" --apiVersion 1 --username web335_user
Enter password: *****
Current Mongosh Log ID: 630f01a8ebe4968e1201b075
Connecting to:      mongodb+srv://<credentials>@cluster0.vvn3y4f.mongodb.net/web335DB?appName=mongosh+
1.5.4
Using MongoDB:      5.0.11 (API Version 1)
Using Mongosh:      1.5.4

For mongosh info see: https://docs.mongodb.com/mongodb-shell/

Warning: Found ~/.mongorc.js, but not ~/.mongoshrc.js. ~/.mongorc.js will not be loaded.
You may want to copy or rename ~/.mongorc.js to ~/.mongoshrc.js.
Atlas atlas-y2fuvw-shard-0 [primary] web335DB> load("users.js")
true
Atlas atlas-y2fuvw-shard-0 [primary] web335DB>
```

```
mongosh mongodb+srv://<credentials>@cluster0.vvn3y4f.mongodb.net/web335DB
Atlas atlas-y2fuvw-shard-0 [primary] web335DB> db.users.find()
[
  {
    _id: ObjectId("63145875b46a3f2c104def1e"),
    firstName: 'Johann',
    lastName: 'Bach',
    employeeId: '1007',
    email: 'jbach@me.com',
    dateCreated: ISODate("2022-09-04T07:49:09.722Z")
  },
  {
    _id: ObjectId("63145875b46a3f2c104def1f"),
    firstName: 'Ludwig',
    lastName: 'Beethoven',
    employeeId: '1008',
    email: 'lbeethoven@me.com',
    dateCreated: ISODate("2022-09-04T07:49:09.722Z")
  },
  {
    _id: ObjectId("63145875b46a3f2c104def20"),
    firstName: 'Wolfgang',
    lastName: 'Mozart',
    employeeId: '1009',
    email: 'wmozart@me.com',
    dateCreated: ISODate("2022-09-04T07:49:09.722Z")
  },
  {
    _id: ObjectId("63145875b46a3f2c104def21"),
    firstName: 'Johannes',
    lastName: 'Brahms',
    employeeId: '1010',
    email: 'jbrahms@me.com',
    dateCreated: ISODate("2022-09-04T07:49:09.722Z")
  },
  { dateCreated: ISODate("2022-09-04T07:49:09.722Z")
}
```

```
mongosh mongodb+srv://<credentials>@cluster0.vvn3y4f.mongodb.net/web335DB
{
  _id: ObjectId("63145876b46a3f2c104def22"),
  firstName: 'Richard',
  lastName: 'Wagner',
  employeeId: '1011',
  email: 'rwagner@me.com',
  dateCreated: ISODate("2022-09-04T07:49:09.722Z")
},
{
  _id: ObjectId("63145876b46a3f2c104def23"),
  firstName: 'Claude',
  lastName: 'Debussy',
  employeeId: '1012',
  email: 'cdebussy@me.com',
  dateCreated: ISODate("2022-09-04T07:49:09.722Z")
}
Atlas atlas-y2fuvw-shard-0 [primary] web335DB>
{
  _id: ObjectId("63145876b46a3f2c104def22"),
  firstName: 'Richard',
  lastName: 'Wagner',
  employeeId: '1011',
  email: 'rwagner@me.com',
  dateCreated: ISODate("2022-09-04T07:49:09.722Z")
},
{
  _id: ObjectId("63145876b46a3f2c104def23"),
  firstName: 'Claude',
  lastName: 'Debussy',
  employeeId: '1012',
  email: 'cdebussy@me.com',
  dateCreated: ISODate("2022-09-04T07:49:09.722Z")
}
Atlas atlas-y2fuvw-shard-0 [primary] web335DB>
```

```
mongosh mongodb+srv://<credentials>@cluster0.vvn3y4f.mongodb.net/web335DB
Atlas atlas-y2fuvw-shard-0 [primary] web335DB> db.users.findOne({"email": "jbach@me.com"})
{
  _id: ObjectId("63145875b46a3f2c104def1e"),
  firstName: 'Johann',
  lastName: 'Bach',
  employeeId: '1007',
  email: 'jbach@me.com',
  dateCreated: ISODate("2022-09-04T07:49:09.722Z")
}
Atlas atlas-y2fuvw-shard-0 [primary] web335DB>
```

```
mongosh mongodb+srv://<credentials>@cluster0.vvn3y4f.mongodb.net/web335DB

Atlas atlas-y2fuvw-shard-0 [primary] web335DB> db.users.findOne({"lastName": "Mozart"})
{
  _id: ObjectId("63145875b46a3f2c104def20"),
  firstName: 'Wolfgang',
  lastName: 'Mozart',
  employeeId: '1009',
  email: 'wmozart@me.com',
  dateCreated: ISODate("2022-09-04T07:49:09.722Z")
}
Atlas atlas-y2fuvw-shard-0 [primary] web335DB>
```

```
mongosh mongodb+srv://<credentials>@cluster0.vvn3y4f.mongodb.net/web335DB

Atlas atlas-y2fuvw-shard-0 [primary] web335DB> db.users.findOne({"firstName": "Richard"})
{
  _id: ObjectId("63145876b46a3f2c104def22"),
  firstName: 'Richard',
  lastName: 'Wagner',
  employeeId: '1011',
  email: 'rwagner@me.com',
  dateCreated: ISODate("2022-09-04T07:49:09.722Z")
}
Atlas atlas-y2fuvw-shard-0 [primary] web335DB>
```

```
mongosh mongodb+srv://<credentials>@cluster0.vvn3y4f.mongodb.net/web335DB

Atlas atlas-y2fuvw-shard-0 [primary] web335DB> db.users.findOne({"employeeId": "1010"})
{
  _id: ObjectId("63145875b46a3f2c104def21"),
  firstName: 'Johannes',
  lastName: 'Brahms',
  employeeId: '1010',
  email: 'jbrahms@me.com',
  dateCreated: ISODate("2022-09-04T07:49:09.722Z")
}
Atlas atlas-y2fuvw-shard-0 [primary] web335DB>
```

```
mongosh mongodb+srv://<credentials>@cluster0.vvn3y4f.mongodb.net/web335DB
Atlas atlas-y2fuvw-shard-0 [primary] web335DB> db.users.find({email:'jbach@me.com'})
[
  {
    _id: ObjectId("630f020dc702d7783d33df94"),
    firstName: 'Johann',
    lastName: 'Bach',
    employeeId: '1007',
    email: 'jbach@me.com',
    dateCreated: ISODate("2022-08-31T06:39:09.565Z")
  }
]
Atlas atlas-y2fuvw-shard-0 [primary] web335DB> db.users.find({lastName:'Mozart'})
[
  {
    _id: ObjectId("630f020dc702d7783d33df96"),
    firstName: 'Wolfgang',
    lastName: 'Mozart',
    employeeId: '1009',
    email: 'wmozart@me.com',
    dateCreated: ISODate("2022-08-31T06:39:09.565Z")
  }
]
Atlas atlas-y2fuvw-shard-0 [primary] web335DB> db.users.find({firstName:'Richard'})
[
  {
    _id: ObjectId("630f020dc702d7783d33df98"),
    firstName: 'Richard',
    lastName: 'Wagner',
    employeeId: '1011',
    email: 'rwagner@me.com',
    dateCreated: ISODate("2022-08-31T06:39:09.565Z")
  }
]
Atlas atlas-y2fuvw-shard-0 [primary] web335DB>
```

```
mongosh mongodb+srv://<credentials>@cluster0.vvn3y4f.mongodb.net/web335DB
Atlas atlas-y2fuvw-shard-0 [primary] web335DB> db.users.find({employeeId:'1010'})
[
  {
    _id: ObjectId("630f020dc702d7783d33df97"),
    firstName: 'Johannes',
    lastName: 'Brahms',
    employeeId: '1010',
    email: 'jbrahms@me.com',
    dateCreated: ISODate("2022-08-31T06:39:09.565Z")
  }
]
Atlas atlas-y2fuvw-shard-0 [primary] web335DB>
```