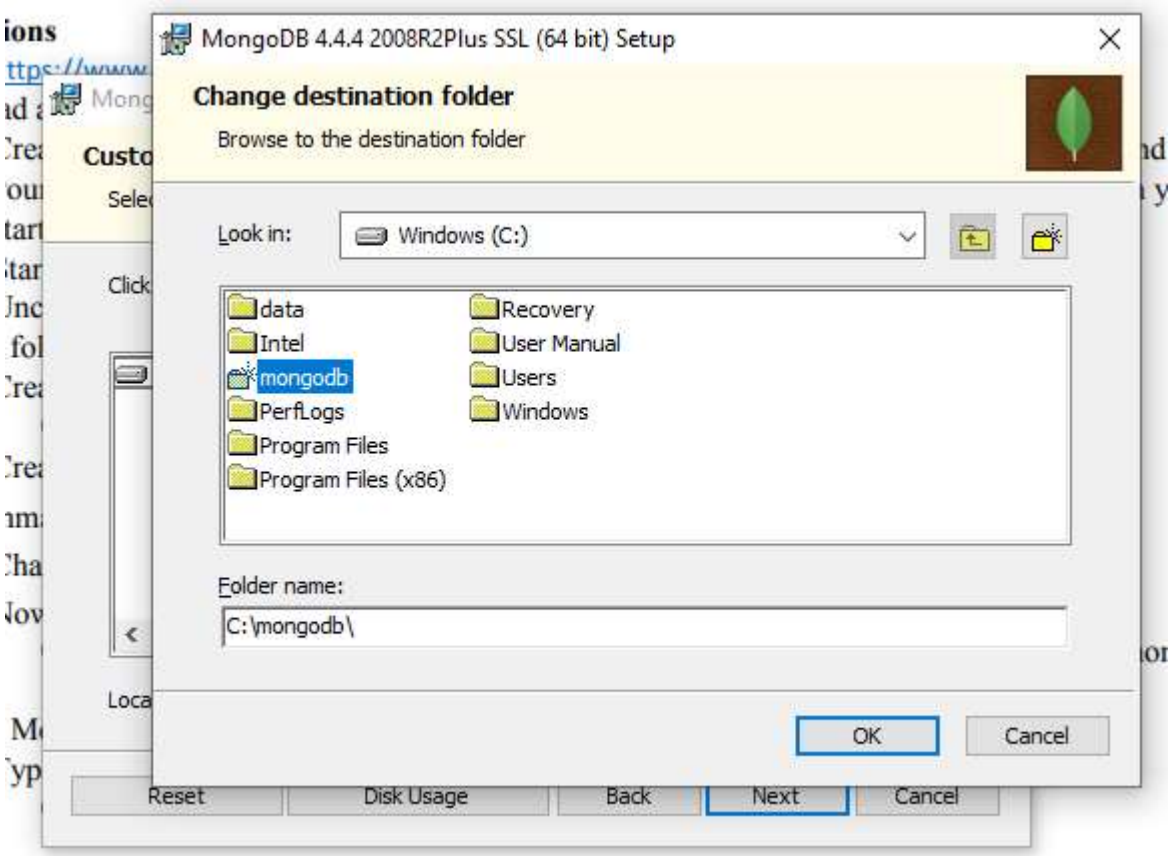
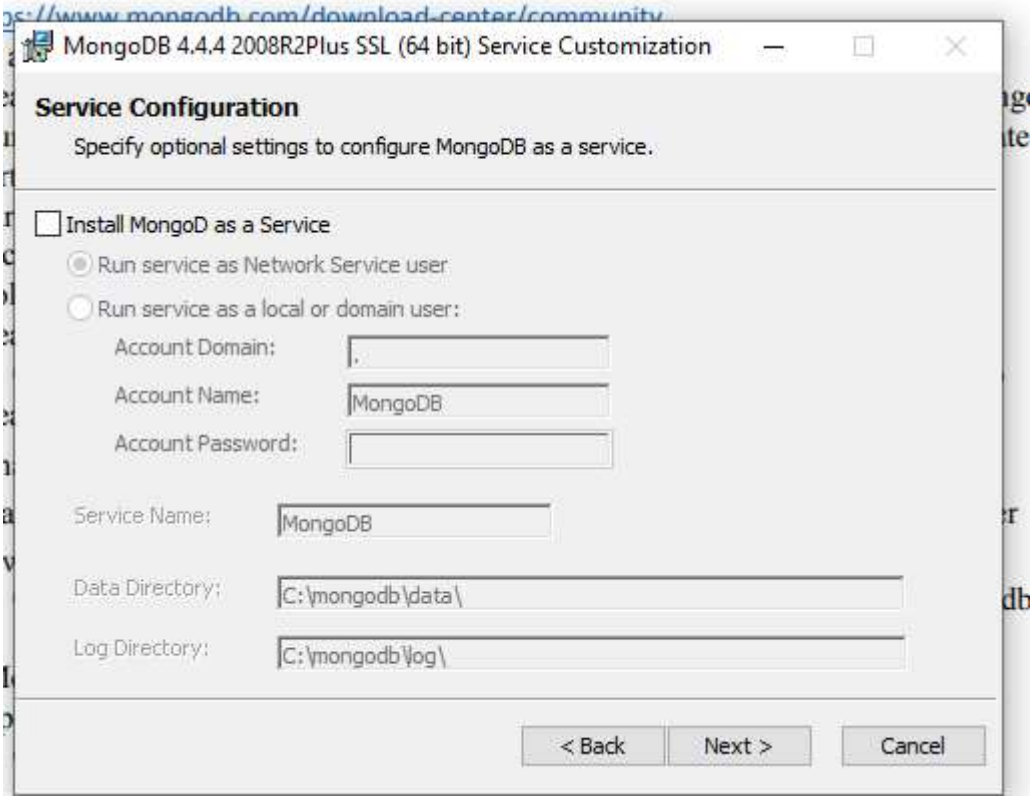
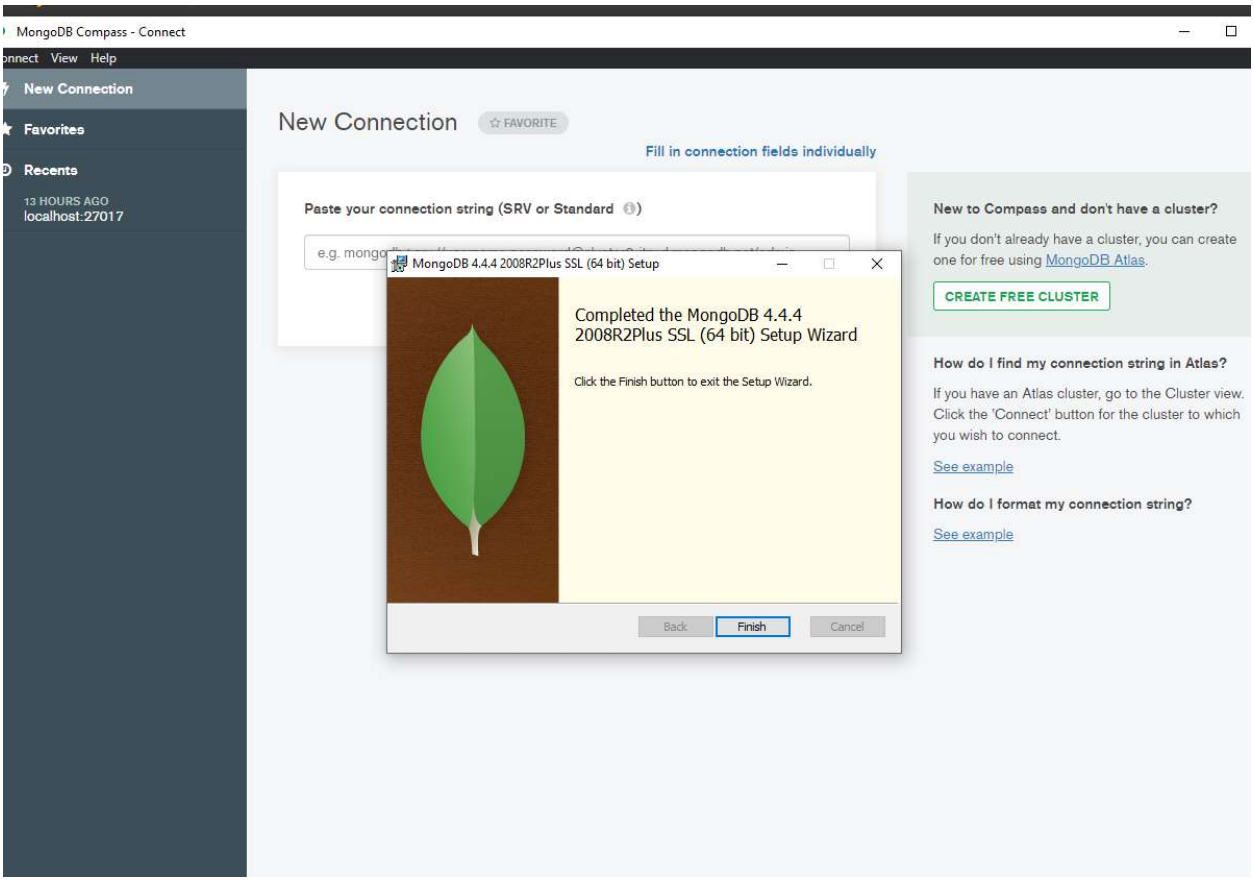
Mongodb Installation

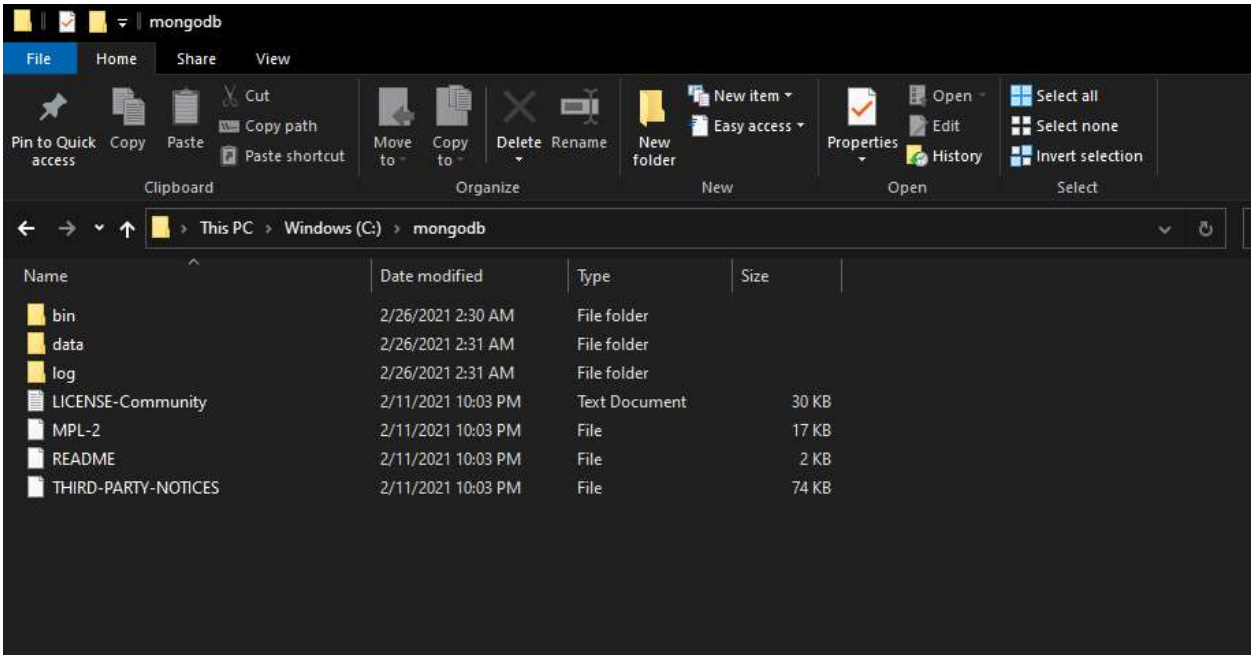
Step 2:

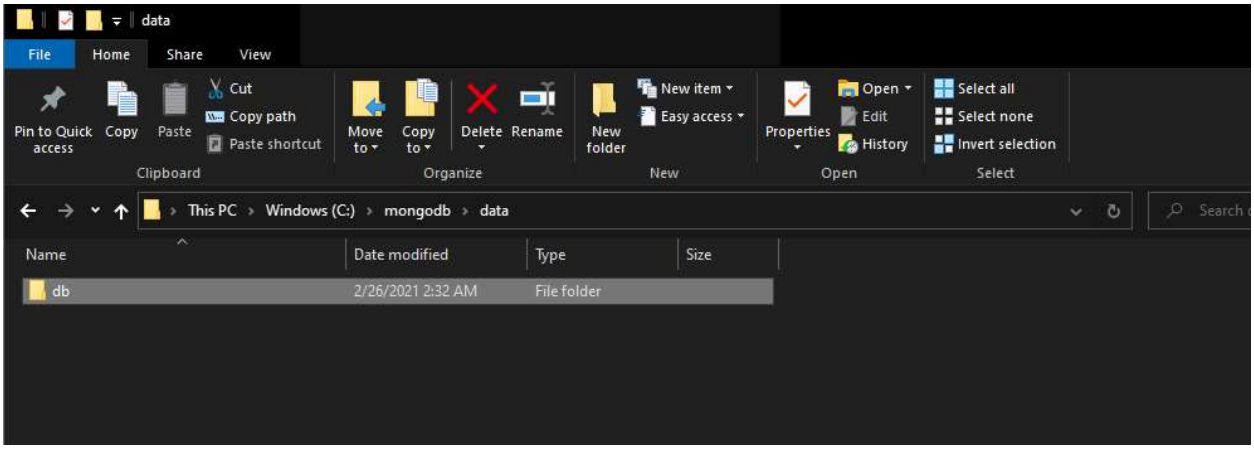



MongoDB 4.4.4 2008R2Plus SSL (64 bit) Service Customization
Service Configuration
Specify optional settings to configure MongoDB as a service.
Install MongoD as a Service
Run service as Network Service user
Run service as a local or domain user:
Account Domain:
Account Name:
MongoDB
Account Password:
Service Name:
MongoDB
Data Directory:
C:\mongodb\data\
Log Directory:
C:\mongodb\log\
< Back
Next >
Cancel

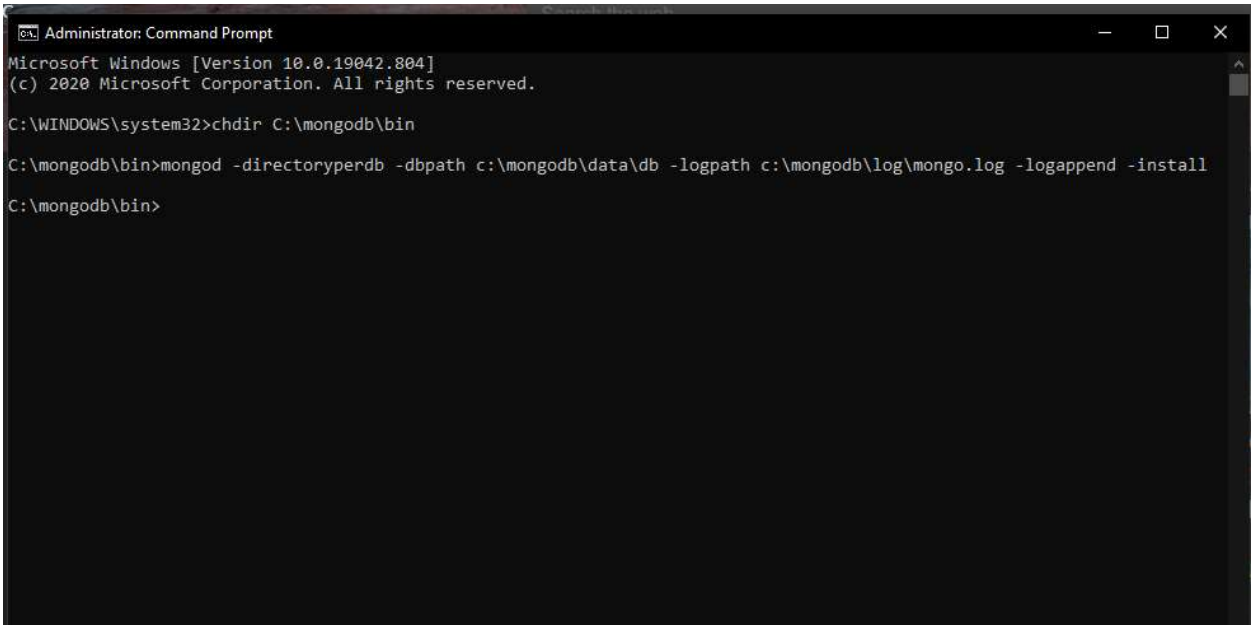

MongoDB Compass - Connect
View
Help
New Connection
Favorites
Recents
13 HOURS AGO
localhost:27017
New Connection
FAVORITE
Fill in connection fields individually
Paste your connection string (SRV or Standard)
MongoDB 4.4.4 2008R2Plus SSL (64 bit) Setup
Completed the MongoDB 4.4.4 2008R2Plus SSL (64 bit) Setup Wizard
Click the Finish button to exit the Setup Wizard.
Back
Finish
Cancel
New to Compass and don't have a cluster?
If you don't already have a cluster, you can create one for free using MongoDB Atlas.
CREATE FREE CLUSTER
How do I find my connection string in Atlas?
If you have an Atlas cluster, go to the Cluster view. Click the 'Connect' button for the cluster to which you wish to connect.
See example
How do I format my connection string?
See example

Step 3:


mongodb
File
Home
Share
View
Pin to Quick access
Copy
Paste
Cut
Copy path
Paste shortcut
Clipboard
Move to
Copy to
Delete
Rename
Organize
New folder
New item
Easy access
New
Properties
Open
Edit
History
Open
Select all
Select none
Invert selection
Select
This PC
Windows (C:)
mongodb
Name
Date modified
Type
Size
bin
2/26/2021 2:30 AM
File folder
data
2/26/2021 2:31 AM
File folder
log
2/26/2021 2:31 AM
File folder
LICENSE-Community
2/11/2021 10:03 PM
Text Document
30 KB
MPL-2
2/11/2021 10:03 PM
File
17 KB
README
2/11/2021 10:03 PM
File
2 KB
THIRD-PARTY-NOTICES
2/11/2021 10:03 PM
File
74 KB


data
File
Home
Share
View
Pin to Quick access
Copy
Paste
Cut
Copy path
Paste shortcut
Clipboard
Move to
Copy to
Delete
Rename
Organize
New folder
New item
Easy access
New
Properties
Open
Edit
History
Open
Select all
Select none
Invert selection
Select
This PC
Windows (C:)
mongodb
data
Search
Name
Date modified
Type
Size
db
2/26/2021 2:32 AM
File folder

Step 4:

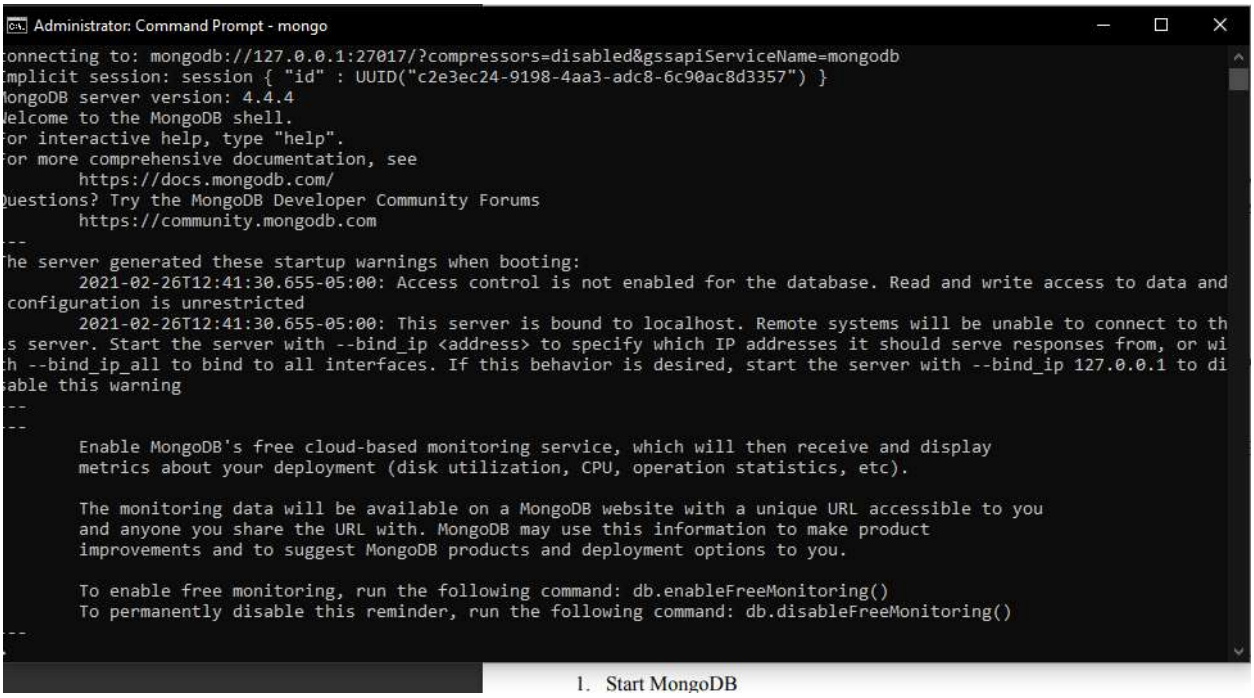

Administrator: Command Prompt
Microsoft Windows [Version 10.0.19042.804]
(c) 2020 Microsoft Corporation. All rights reserved.
C:\WINDOWS\system32>chdir C:\mongodb\bin
C:\mongodb\bin>mongod -directoryperdb -dbpath c:\mongodb\data\db -logpath c:\mongodb\log\mongo.log -logappend -install
C:\mongodb\bin>

Step 5:


Administrator: Command Prompt
Microsoft Windows [Version 10.0.19042.804]
(c) 2020 Microsoft Corporation. All rights reserved.
C:\WINDOWS\system32>chdir C:\mongodb\bin
C:\mongodb\bin>mongod -directoryperdb -dbpath c:\mongodb\data\db -logpath c:\mongodb\log\mongo.log -logappend -install
C:\mongodb\bin>net start MongoDB
The MongoDB service is starting.
The MongoDB service was started successfully.
C:\mongodb\bin>

Exercise 1:

Starting mongo shell

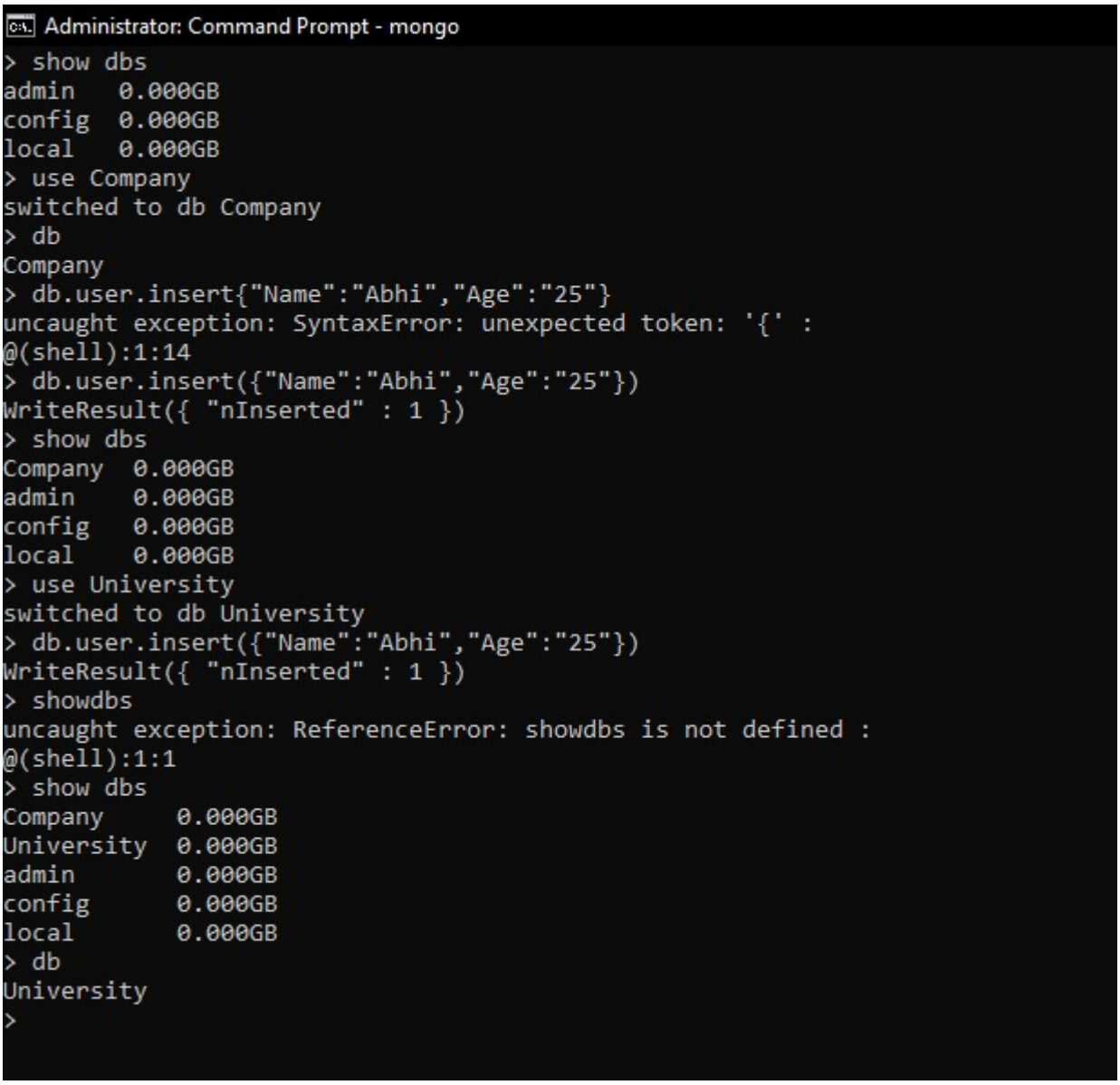


1. Start MongoDB

clear the screen

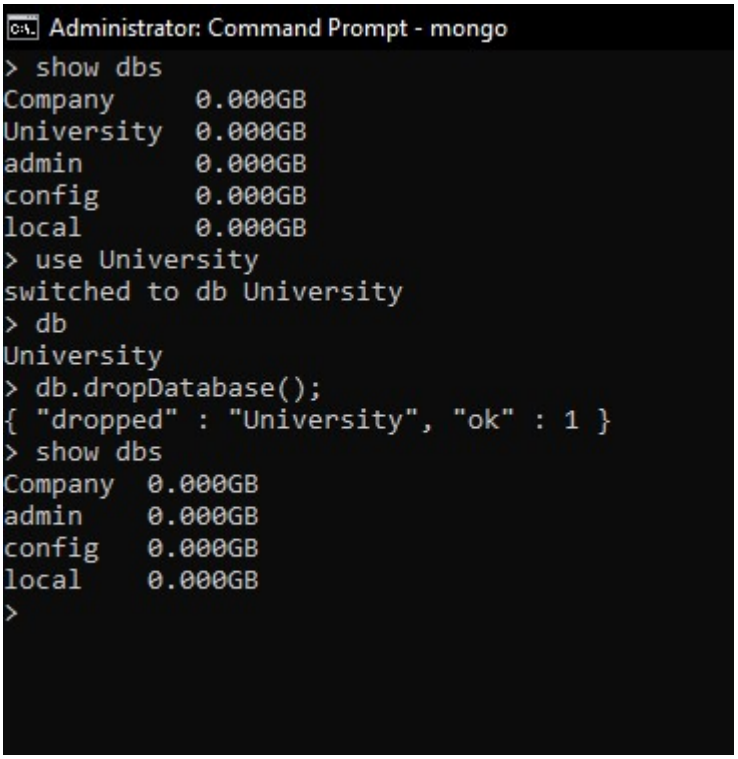
Exercise 2:

Show Databases present and creating a new Database



Exercise 3:

Dropping Databases

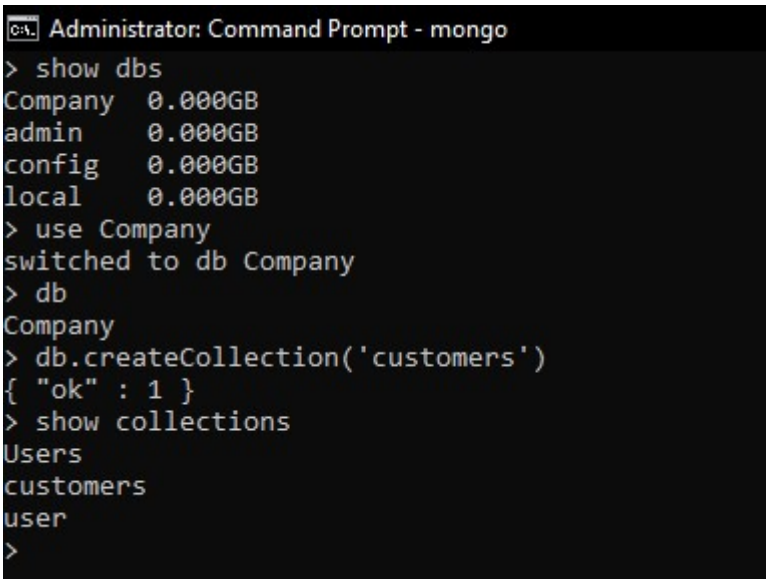


Exercise 4:

Creating user for the database “Company”

Exercise 5:

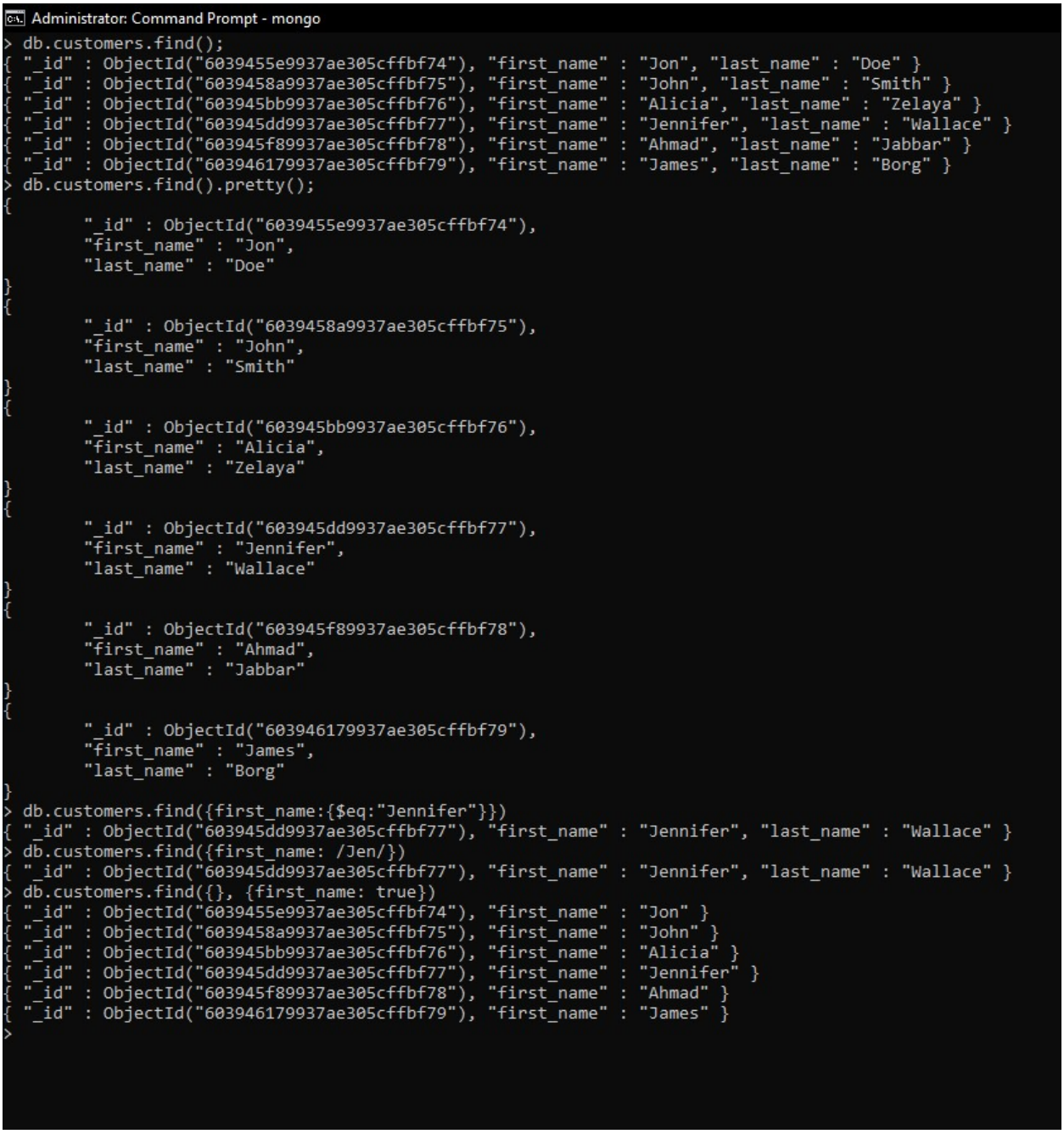
Creating and displaying Collections



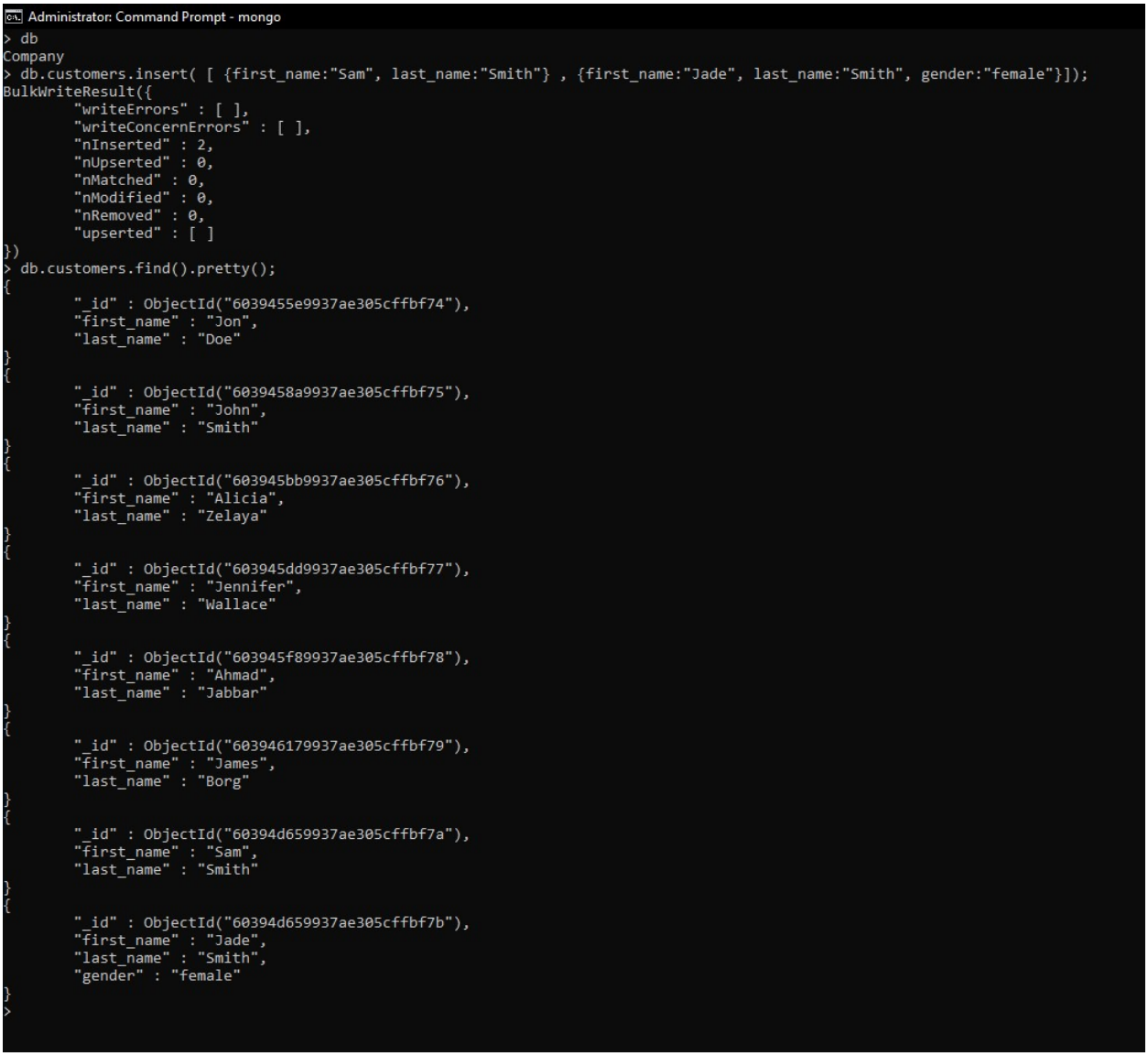
Exercise 6:

```
Administrator: Command Prompt - mongo
Company  0.000GB
admin    0.000GB
config   0.000GB
local    0.000GB
> use Company
switched to db Company
> db
Company
> show collections
Users
customers
user
> db.customers.insert({first_name:"Jon", last_name:"Doe"});
WriteResult({ "nInserted" : 1 })
> db.customers.insert({first_name:"John", last_name:"Smith"});
WriteResult({ "nInserted" : 1 })
> db.customers.insert({first_name:"Alicia", last_name:"Zelaya"});
WriteResult({ "nInserted" : 1 })
> db.customers.insert({first_name:"Jennifer", last_name:"Wallace"});
WriteResult({ "nInserted" : 1 })
> db.customers.insert({first_name:"Ahmad", last_name:"Jabbar"});
WriteResult({ "nInserted" : 1 })
> db.customers.insert({first_name:"James", last_name:"Borg"});
WriteResult({ "nInserted" : 1 })
> db.customers.find();
{ "_id" : ObjectId("6039455e9937ae305cffbf74"), "first_name" : "Jon", "last_name" : "Doe" }
{ "_id" : ObjectId("6039458a9937ae305cffbf75"), "first_name" : "John", "last_name" : "Smith" }
{ "_id" : ObjectId("603945bb9937ae305cffbf76"), "first_name" : "Alicia", "last_name" : "Zelaya" }
{ "_id" : ObjectId("603945dd9937ae305cffbf77"), "first_name" : "Jennifer", "last_name" : "Wallace" }
{ "_id" : ObjectId("603945f89937ae305cffbf78"), "first_name" : "Ahmad", "last_name" : "Jabbar" }
{ "_id" : ObjectId("603946179937ae305cffbf79"), "first_name" : "James", "last_name" : "Borg" }
> db.customers.find().pretty();
{
        "_id" : ObjectId("6039455e9937ae305cffbf74"),
        "first_name" : "Jon",
        "last_name" : "Doe"
}
{
        "_id" : ObjectId("6039458a9937ae305cffbf75"),
        "first_name" : "John",
        "last_name" : "Smith"
}
{
        "_id" : ObjectId("603945bb9937ae305cffbf76"),
        "first_name" : "Alicia",
        "last_name" : "Zelaya"
}
{
        "_id" : ObjectId("603945dd9937ae305cffbf77"),
        "first_name" : "Jennifer",
        "last_name" : "Wallace"
}
{
        "_id" : ObjectId("603945f89937ae305cffbf78"),
        "first_name" : "Ahmad",
        "last_name" : "Jabbar"
}
{
        "_id" : ObjectId("603946179937ae305cffbf79"),
        "first_name" : "James",
        "last_name" : "Borg"
}
>
```

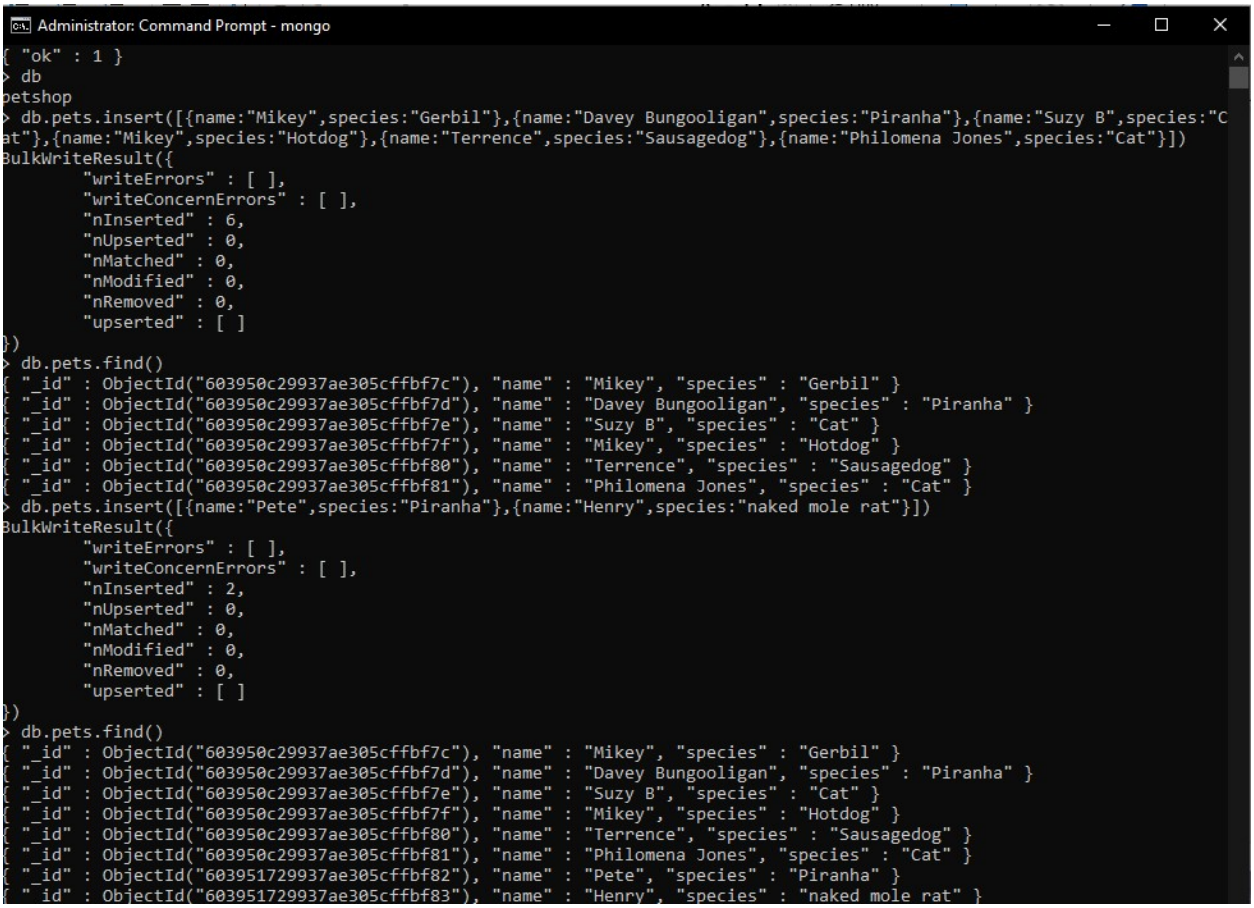
Exercise 7:

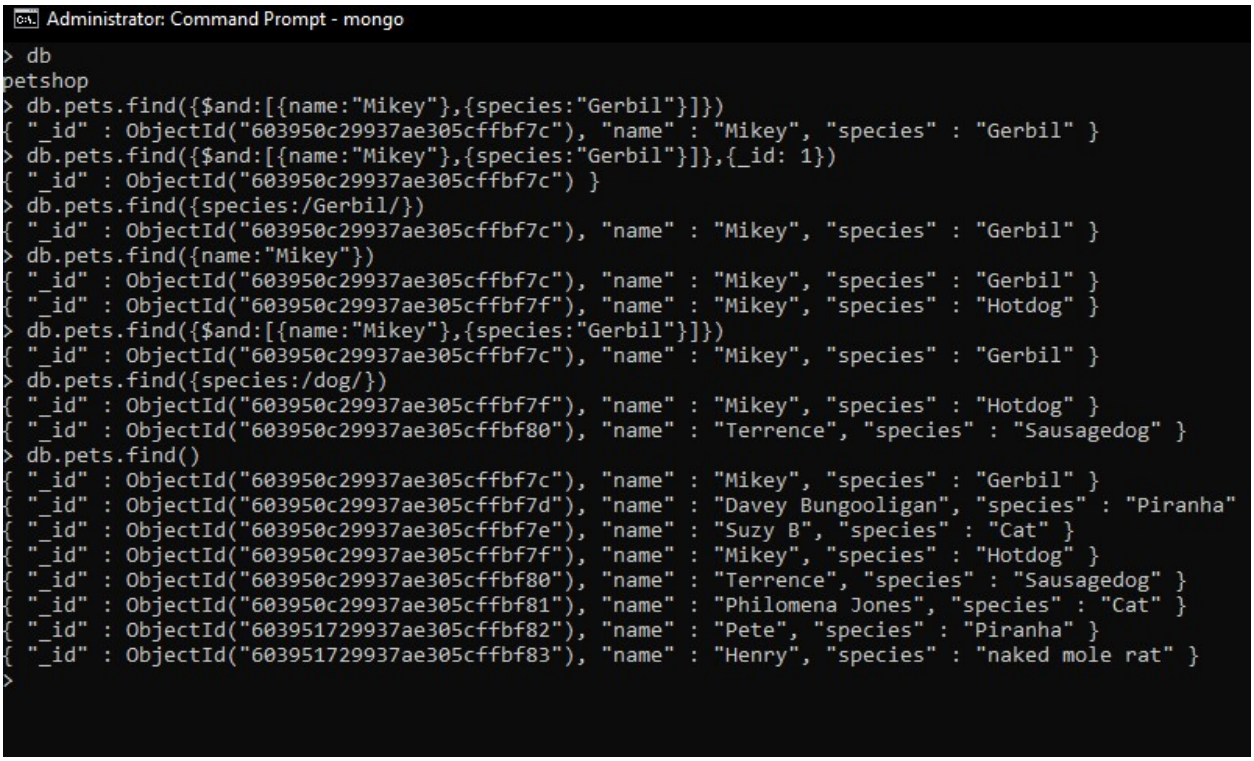

Administrator: Command Prompt - mongo
> db.customers.find();
{ "_id" : ObjectId("6039455e9937ae305cffbf74"), "first_name" : "Jon", "last_name" : "Doe" }
{ "_id" : ObjectId("6039458a9937ae305cffbf75"), "first_name" : "John", "last_name" : "Smith" }
{ "_id" : ObjectId("603945bb9937ae305cffbf76"), "first_name" : "Alicia", "last_name" : "Zelaya" }
{ "_id" : ObjectId("603945dd9937ae305cffbf77"), "first_name" : "Jennifer", "last_name" : "Wallace" }
{ "_id" : ObjectId("603945f89937ae305cffbf78"), "first_name" : "Ahmad", "last_name" : "Jabbar" }
{ "_id" : ObjectId("6039461799937ae305cffbf79"), "first_name" : "James", "last_name" : "Borg" }
> db.customers.find().pretty();
{
"_id" : ObjectId("6039455e9937ae305cffbf74"),
"first_name" : "Jon",
"last_name" : "Doe"
}
{
"_id" : ObjectId("6039458a9937ae305cffbf75"),
"first_name" : "John",
"last_name" : "Smith"
}
{
"_id" : ObjectId("603945bb9937ae305cffbf76"),
"first_name" : "Alicia",
"last_name" : "Zelaya"
}
{
"_id" : ObjectId("603945dd9937ae305cffbf77"),
"first_name" : "Jennifer",
"last_name" : "Wallace"
}
{
"_id" : ObjectId("603945f89937ae305cffbf78"),
"first_name" : "Ahmad",
"last_name" : "Jabbar"
}
{
"_id" : ObjectId("6039461799937ae305cffbf79"),
"first_name" : "James",
"last_name" : "Borg"
}
> db.customers.find({first_name:{$eq:"Jennifer"}})
{ "_id" : ObjectId("603945dd9937ae305cffbf77"), "first_name" : "Jennifer", "last_name" : "Wallace" }
> db.customers.find({first_name: /Jen/})
{ "_id" : ObjectId("603945dd9937ae305cffbf77"), "first_name" : "Jennifer", "last_name" : "Wallace" }
> db.customers.find({}, {first_name: true})
{ "_id" : ObjectId("6039455e9937ae305cffbf74"), "first_name" : "Jon" }
{ "_id" : ObjectId("6039458a9937ae305cffbf75"), "first_name" : "John" }
{ "_id" : ObjectId("603945bb9937ae305cffbf76"), "first_name" : "Alicia" }
{ "_id" : ObjectId("603945dd9937ae305cffbf77"), "first_name" : "Jennifer" }
{ "_id" : ObjectId("603945f89937ae305cffbf78"), "first_name" : "Ahmad" }
{ "_id" : ObjectId("6039461799937ae305cffbf79"), "first_name" : "James" }
>

Exercise 8:


Administrator: Command Prompt - mongo
> db
Company
> db.customers.insert([{first_name:"Sam", last_name:"Smith"} , {first_name:"Jade", last_name:"Smith", gender:"female"}]);
BulkWriteResult({
"writeErrors" : [ ],
"writeConcernErrors" : [ ],
"nInserted" : 2,
"nUpserted" : 0,
"nMatched" : 0,
"nModified" : 0,
"nRemoved" : 0,
"upserted" : [ ]
})
> db.customers.find().pretty();
{
"_id" : ObjectId("6039455e9937ae305cffbf74"),
"first_name" : "Jon",
"last_name" : "Doe"
}
{
"_id" : ObjectId("6039458a9937ae305cffbf75"),
"first_name" : "John",
"last_name" : "Smith"
}
{
"_id" : ObjectId("603945bb9937ae305cffbf76"),
"first_name" : "Alicia",
"last_name" : "Zelaya"
}
{
"_id" : ObjectId("603945dd9937ae305cffbf77"),
"first_name" : "Jennifer",
"last_name" : "Wallace"
}
{
"_id" : ObjectId("603945f89937ae305cffbf78"),
"first_name" : "Ahmad",
"last_name" : "Jabbar"
}
{
"_id" : ObjectId("603946179937ae305cffbf79"),
"first_name" : "James",
"last_name" : "Borg"
}
{
"_id" : ObjectId("60394d659937ae305cffbf7a"),
"first_name" : "Sam",
"last_name" : "Smith"
}
{
"_id" : ObjectId("60394d659937ae305cffbf7b"),
"first_name" : "Jade",
"last_name" : "Smith",
"gender" : "female"
}
>

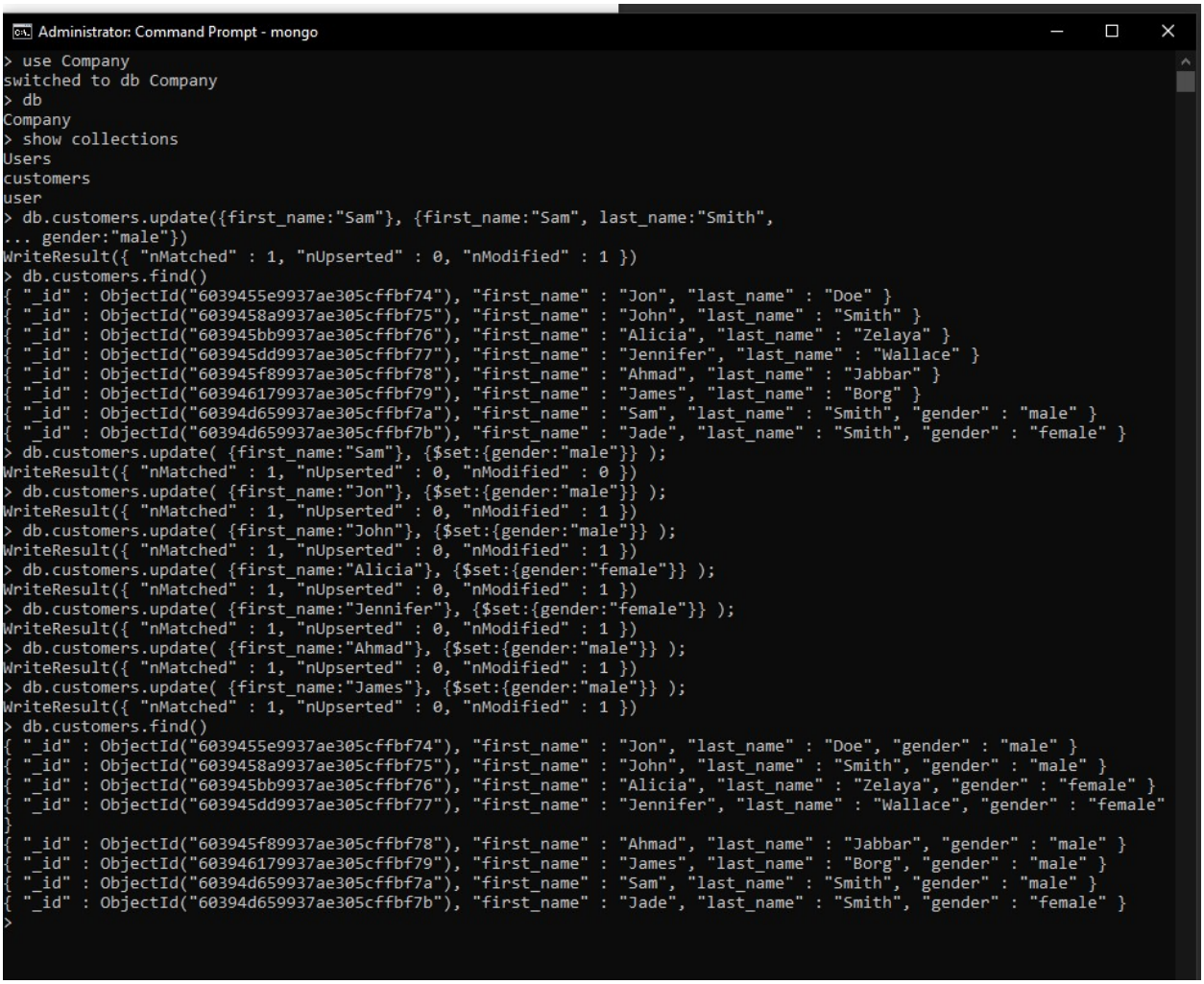
Exercise 9:


Administrator: Command Prompt - mongo
{ "ok" : 1 }
> db
petshop
> db.pets.insert([{name:"Mikey",species:"Gerbil"},{name:"Davey Bungooligan",species:"Piranha"},{name:"Suzy B",species:"C
at"},{name:"Mikey",species:"Hotdog"},{name:"Terrence",species:"Sausagedog"},{name:"Philomena Jones",species:"Cat"}])
BulkWriteResult({
"writeErrors" : [ ],
"writeConcernErrors" : [ ],
"nInserted" : 6,
"nUpserted" : 0,
"nMatched" : 0,
"nModified" : 0,
"nRemoved" : 0,
"upserted" : [ ]
})
> db.pets.find()
{ "_id" : ObjectId("603950c29937ae305cffbf7c"), "name" : "Mikey", "species" : "Gerbil" }
{ "_id" : ObjectId("603950c29937ae305cffbf7d"), "name" : "Davey Bungooligan", "species" : "Piranha" }
{ "_id" : ObjectId("603950c29937ae305cffbf7e"), "name" : "Suzy B", "species" : "Cat" }
{ "_id" : ObjectId("603950c29937ae305cffbf7f"), "name" : "Mikey", "species" : "Hotdog" }
{ "_id" : ObjectId("603950c29937ae305cffbf80"), "name" : "Terrence", "species" : "Sausagedog" }
{ "_id" : ObjectId("603950c29937ae305cffbf81"), "name" : "Philomena Jones", "species" : "Cat" }
> db.pets.insert([{name:"Pete",species:"Piranha"},{name:"Henry",species:"naked mole rat"}])
BulkWriteResult({
"writeErrors" : [ ],
"writeConcernErrors" : [ ],
"nInserted" : 2,
"nUpserted" : 0,
"nMatched" : 0,
"nModified" : 0,
"nRemoved" : 0,
"upserted" : [ ]
})
> db.pets.find()
{ "_id" : ObjectId("603950c29937ae305cffbf7c"), "name" : "Mikey", "species" : "Gerbil" }
{ "_id" : ObjectId("603950c29937ae305cffbf7d"), "name" : "Davey Bungooligan", "species" : "Piranha" }
{ "_id" : ObjectId("603950c29937ae305cffbf7e"), "name" : "Suzy B", "species" : "Cat" }
{ "_id" : ObjectId("603950c29937ae305cffbf7f"), "name" : "Mikey", "species" : "Hotdog" }
{ "_id" : ObjectId("603950c29937ae305cffbf80"), "name" : "Terrence", "species" : "Sausagedog" }
{ "_id" : ObjectId("603950c29937ae305cffbf81"), "name" : "Philomena Jones", "species" : "Cat" }
{ "_id" : ObjectId("603951729937ae305cffbf82"), "name" : "Pete", "species" : "Piranha" }
{ "_id" : ObjectId("603951729937ae305cffbf83"), "name" : "Henry", "species" : "naked mole rat" }



Exercise 10:

Adding gender column to all rows



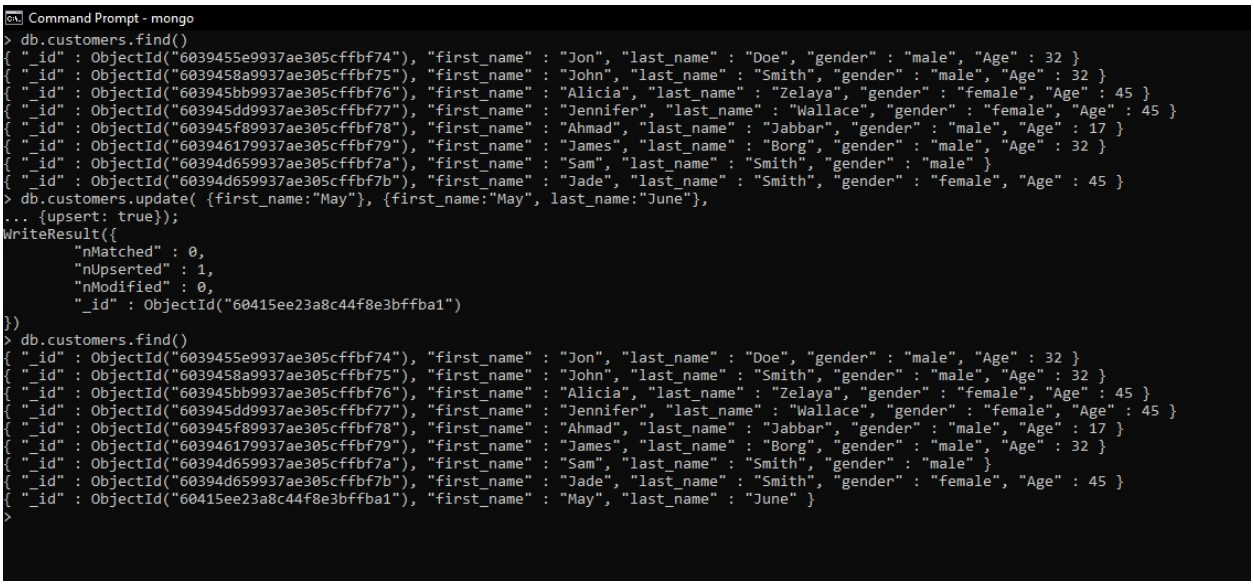
Adding and increment rows

```
Administrator: Command Prompt - mongo
> db
Company
> db.customers.updateMany({first_name:{$regex:"^J"}}, {$set:{Age:40}} );
{ "acknowledged" : true, "matchedCount" : 5, "modifiedCount" : 5 }
> db.customers.updateMany({first_name:{$in:["Ahmad", "Sam"]}}, {$set:{Age:25}} );
{ "acknowledged" : true, "matchedCount" : 2, "modifiedCount" : 2 }
> db.customers.update({first_name:"Alicia"}, {$set:{Age:35}} );
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.consumers.find()
> db.constumers.find()
> db.custumers.find()
> db.customers.find()
{ "_id" : ObjectId("6039455e9937ae305cffbf74"), "first_name" : "Jon", "last_name" : "Doe", "gender" : "male", "Age" : 40 }
{ "_id" : ObjectId("6039458a9937ae305cffbf75"), "first_name" : "John", "last_name" : "Smith", "gender" : "male", "Age" : 40 }
{ "_id" : ObjectId("603945bb9937ae305cffbf76"), "first_name" : "Alicia", "last_name" : "Zelaya", "gender" : "female", "Age" : 35 }
{ "_id" : ObjectId("603945dd9937ae305cffbf77"), "first_name" : "Jennifer", "last_name" : "Wallace", "gender" : "female", "Age" : 40
{ "_id" : ObjectId("603945f89937ae305cffbf78"), "first_name" : "Ahmad", "last_name" : "Jabbar", "gender" : "male", "Age" : 25 }
{ "_id" : ObjectId("603946179937ae305cffbf79"), "first_name" : "James", "last_name" : "Borg", "gender" : "male", "Age" : 40 }
{ "_id" : ObjectId("60394d659937ae305cffbf7a"), "first_name" : "Sam", "last_name" : "Smith", "gender" : "male", "Age" : 25 }
{ "_id" : ObjectId("60394d659937ae305cffbf7b"), "first_name" : "Jade", "last_name" : "Smith", "gender" : "female", "Age" : 40 }
> db.customers.update({gender:"female"}, {$inc:{Age:5}} );
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.customers.updateMany({gender:"female"}, {$inc:{Age:5}} );
{ "acknowledged" : true, "matchedCount" : 3, "modifiedCount" : 3 }
> db.customers.find()
{ "_id" : ObjectId("6039455e9937ae305cffbf74"), "first_name" : "Jon", "last_name" : "Doe", "gender" : "male", "Age" : 40 }
{ "_id" : ObjectId("6039458a9937ae305cffbf75"), "first_name" : "John", "last_name" : "Smith", "gender" : "male", "Age" : 40 }
{ "_id" : ObjectId("603945bb9937ae305cffbf76"), "first_name" : "Alicia", "last_name" : "Zelaya", "gender" : "female", "Age" : 45 }
{ "_id" : ObjectId("603945dd9937ae305cffbf77"), "first_name" : "Jennifer", "last_name" : "Wallace", "gender" : "female", "Age" : 45
{ "_id" : ObjectId("603945f89937ae305cffbf78"), "first_name" : "Ahmad", "last_name" : "Jabbar", "gender" : "male", "Age" : 25 }
{ "_id" : ObjectId("603946179937ae305cffbf79"), "first_name" : "James", "last_name" : "Borg", "gender" : "male", "Age" : 40 }
{ "_id" : ObjectId("60394d659937ae305cffbf7a"), "first_name" : "Sam", "last_name" : "Smith", "gender" : "male", "Age" : 25 }
{ "_id" : ObjectId("60394d659937ae305cffbf7b"), "first_name" : "Jade", "last_name" : "Smith", "gender" : "female", "Age" : 45 }
> db.customers.updateMany({gender:"male"}, {$dec:{Age:8}} );
```

Unset columns

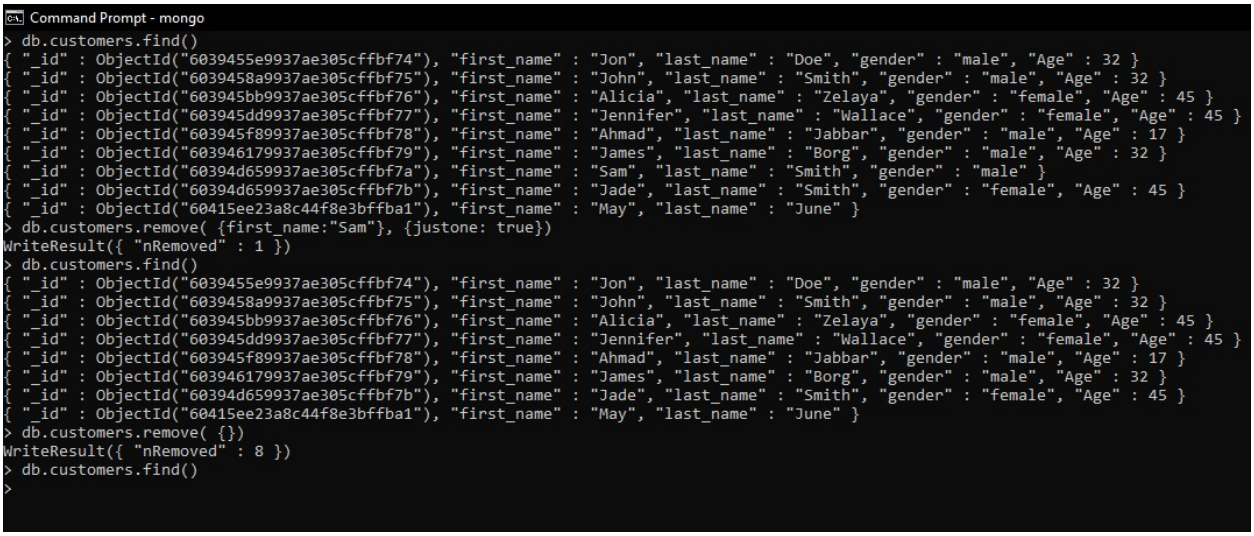
```
> db.customers.update( {first_name:"Sam"}, {$unset:{"age":17}} );
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 0 })
> db.customers.find()
{ "_id" : ObjectId("6039455e9937ae305cffbf74"), "first_name" : "Jon", "last_name" : "Doe", "gender" : "male", "Age" : 32 }
{ "_id" : ObjectId("6039458a9937ae305cffbf75"), "first_name" : "John", "last_name" : "Smith", "gender" : "male", "Age" : 32 }
{ "_id" : ObjectId("603945bb9937ae305cffbf76"), "first_name" : "Alicia", "last_name" : "Zelaya", "gender" : "female", "Age" : 45 }
{ "_id" : ObjectId("603945dd9937ae305cffbf77"), "first_name" : "Jennifer", "last_name" : "Wallace", "gender" : "female", "Age" : 45 }
{ "_id" : ObjectId("603945f89937ae305cffbf78"), "first_name" : "Ahmad", "last_name" : "Jabbar", "gender" : "male", "Age" : 17 }
{ "_id" : ObjectId("603946179937ae305cffbf79"), "first_name" : "James", "last_name" : "Borg", "gender" : "male", "Age" : 32 }
{ "_id" : ObjectId("60394d659937ae305cffbf7a"), "first_name" : "Sam", "last_name" : "Smith", "gender" : "male", "Age" : 17 }
{ "_id" : ObjectId("60394d659937ae305cffbf7b"), "first_name" : "Jade", "last_name" : "Smith", "gender" : "female", "Age" : 45 }
> db.customers.update( {first_name:"Sam"}, {$unset:{"Age":17}} );
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.customers.find()
{ "_id" : ObjectId("6039455e9937ae305cffbf74"), "first_name" : "Jon", "last_name" : "Doe", "gender" : "male", "Age" : 32 }
{ "_id" : ObjectId("6039458a9937ae305cffbf75"), "first_name" : "John", "last_name" : "Smith", "gender" : "male", "Age" : 32 }
{ "_id" : ObjectId("603945bb9937ae305cffbf76"), "first_name" : "Alicia", "last_name" : "Zelaya", "gender" : "female", "Age" : 45 }
{ "_id" : ObjectId("603945dd9937ae305cffbf77"), "first_name" : "Jennifer", "last_name" : "Wallace", "gender" : "female", "Age" : 45 }
{ "_id" : ObjectId("603945f89937ae305cffbf78"), "first_name" : "Ahmad", "last_name" : "Jabbar", "gender" : "male", "Age" : 17 }
{ "_id" : ObjectId("603946179937ae305cffbf79"), "first_name" : "James", "last_name" : "Borg", "gender" : "male", "Age" : 32 }
{ "_id" : ObjectId("60394d659937ae305cffbf7a"), "first_name" : "Sam", "last_name" : "Smith", "gender" : "male" }
{ "_id" : ObjectId("60394d659937ae305cffbf7b"), "first_name" : "Jade", "last_name" : "Smith", "gender" : "female", "Age" : 45 }
>
```

Upsert



Exercise 11

Remove one and all columns



Exercise 12

```
C:\mongodb\mongodb-database-tools-windows-x86_64-100.3.0\bin>mongoimport --db stocks --collection stocks --file stocks.json
2021-03-04T17:45:18.422-0500    connected to: mongodb://localhost/
2021-03-04T17:45:21.422-0500    [########################] stocks.stocks        10.3MB/10.3MB (100.0%)
2021-03-04T17:45:21.455-0500    [########################] stocks.stocks        10.3MB/10.3MB (100.0%)
2021-03-04T17:45:21.457-0500    6756 document(s) imported successfully. 0 document(s) failed to import.

C:\mongodb\mongodb-database-tools-windows-x86_64-100.3.0\bin>mongo
'mongo' is not recognized as an internal or external command,
operable program or batch file.

C:\mongodb\mongodb-database-tools-windows-x86_64-100.3.0\bin>cd ../../bin

C:\mongodb\bin>mongo
MongoDB shell version v4.4.4
connecting to: mongodb://127.0.0.1:27017/?compressors=disabled&gssapiServiceName=mongodb
Implicit session: session { "id" : UUID("0ab42665-fa7e-4e74-b0b9-4e1a39883fad") }
MongoDB server version: 4.4.4
---
The server generated these startup warnings when booting:
        2021-03-04T09:32:25.994-05:00: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted
        2021-03-04T09:32:25.994-05:00: This server is bound to localhost. Remote systems will be unable to connect to this server. Start the server with --bind_ip <address> to specify which IP addresses it should serve responses from, or
with --bind_ip_all to bind to all interfaces. If this behavior is desired, start the server with --bind_ip 127.0.0.1 to disable this warning
---
---
        Enable MongoDB's free cloud-based monitoring service, which will then receive and display
        metrics about your deployment (disk utilization, CPU, operation statistics, etc).

        The monitoring data will be available on a MongoDB website with a unique URL accessible to you
        and anyone you share the URL with. MongoDB may use this information to make product
        improvements and to suggest MongoDB products and deployment options to you.

        To enable free monitoring, run the following command: db.enableFreeMonitoring()
        To permanently disable this reminder, run the following command: db.disableFreeMonitoring()
---
> show databases
Company     0.000GB
MEANStackDB  0.000GB
admin       0.000GB
config      0.000GB
local       0.000GB
petshop     0.000GB
project     0.000GB
stocks      0.004GB
> use stocks
switched to db stocks
> show collections
stocks
> db.stocks.count()
6756
> db.stocks.find().limit(5)
{ "_id" : ObjectId("52853800bb1177ca391c1802"), "Ticker" : "AAIT", "Sector" : "Financial", "Change from Open" : -0.0232, "Performance (YTD)" : 0.1048, "Performance (Week)" : -0.0097, "Performance (Quarter)" : 0.1129, "200-Day Simple Moving Average" : 0.0492, "52-Week High" : -0.0641, "Change" : -0.02, "Volatility (Week)" : 0.014, "Country" : "USA", "50-Day Low" : 0.0609, "Price" : 29.95, "50-Day High" : -0.0641, "Dividend Yield" : 0.036, "Industry" : "Exchange Traded Fund", "52-Week Low" : 0.1791, "Average True Range" : 0.45, "Company" : "iShares MSCI AC Asia Information Tech", "Gap" : 0.0033, "Relative Volume" : 0.17, "Volatility (Month)" : 0.0111, "Volume" : 250, "Short Ratio" : 0.04, "Performance (Half Year)" : 0.0307, "Relative Strength Index (14)" : 38.79, "20-Day Simple Moving Average" : -0.0295, "Performance (Month)" : 0.003, "Performance (Year)" : 0.1947, "Average Volume" : 1.64, "50-Day Simple Moving Average" : -0.0065 }
{ "_id" : ObjectId("52853800bb1177ca391c1801"), "Ticker" : "AADR", "Sector" : "Financial", "Change from Open" : 0.0055, "Performance (YTD)" : 0.1809, "Performance (Week)" : -0.0134, "Performance (Quarter)" : 0.061, "200-Day Simple Moving Average" : 0.0693, "52-Week High" : -0.0194, "Change" : 0.0064, "Volatility (Week)" : 0.0072, "Country" : "USA", "50-Day Low" : 0.0792, "Price" : 36.4, "50-Day High" : -0.0194, "Dividend Yield" : 0.005, "Industry" : "Exchange Traded Fund", "52-Week Low" : 0.2727, "Average True Range" : 0.31, "Company" : "WCM/BNY Mellon Focused Growth ADR ETF", "Gap" : 0.0008, "Relative Volume" : 0.72, "Volatility (Month)" : 0.0052, "Volume" : 6660, "Performance (Half Year)" : 0.04, "Relative Strength Index (14)" : 51.91, "20-Day Simple Moving Average" : -0.0054, "Performance (Month)" : 0.0183, "Performance (Year)" : 0.229, "Average Volume" : 10.07, "50-Day Simple Moving Average" : 0.0158 }
{ "_id" : ObjectId("52853800bb1177ca391c17ff"), "Ticker" : "A", "Profit Margin" : 0.137, "Institutional Ownership" : 0.847, "EPS growth past 5 years" : 0.158, "Total Debt/Equity" : 0.56, "Current Ratio" : 3, "Return on Assets" : 0.089, "Sector" : "Healthcare", "P/S" : 2.54, "Change from Open" : -0.0148, "Performance (YTD)" : 0.2605, "Performance (Week)" : 0.0031, "Quick Ratio" : 2.3, "Insider Transactions" : -0.1352, "P/B" : 3.63, "EPS growth quarter over quarter" : -0.29, "Payout Ratio" : 0.162, "Performance (Quarter)" : 0.0928, "Forward P/E" : 16.11, "P/E" : 19.1, "200-Day Simple Moving Average" : 0.1062, "Shares Outstanding" : 339, "Earnings Date" : ISODate("2013-11-14T21:30:00Z"), "52-Week High" : -0.0544, "P/Cash" : 7.45, "Change" : -0.0148, "Analyst Recom" : 1.6, "Volatility (Week)" : 0.0177, "Country" : "USA", "Return on Equity" : 0.182, "50-Day Low" : 0.0728, "Price" : 50.44, "50-Day High" : -0.0544, "Return on Investment" : 0
```