1. Install MongoDB On Windows

To install MongoDB on Windows, first download the latest release of MongoDB from https://www.mongodb.org/downloads. Make sure you get correct version of MongoDB depending upon your Windows version.

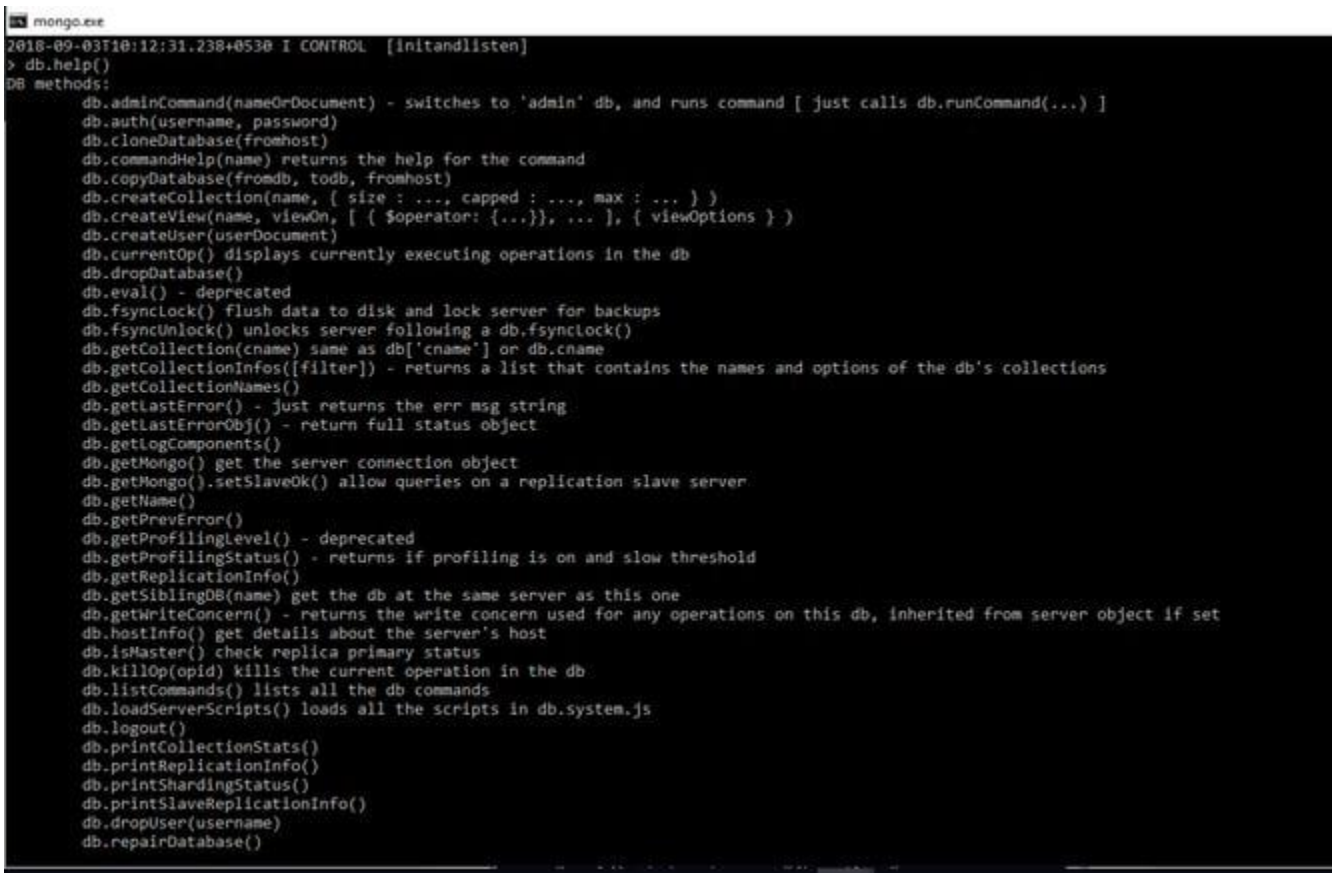
2. Running mongoDB

Go to location where mongo DB is installed “C:\Program Files\MongoDB\Server\3.4\bin” and open command prompt at that location and execute following command in command prompt.

3. MongoDB Help

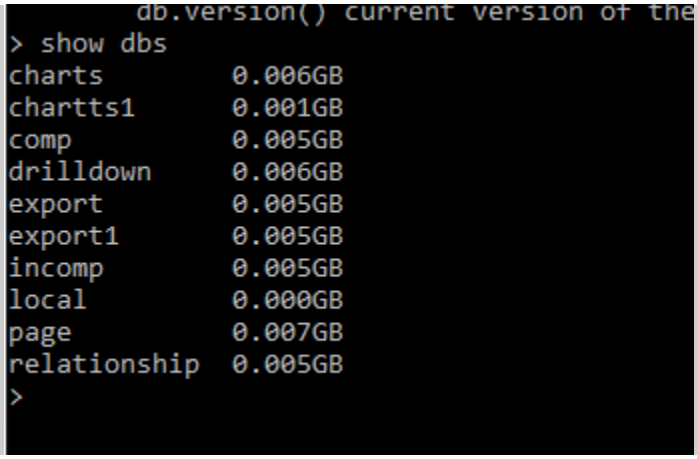
To get a list of commands, type db.help() in MongoDB client. This will give you a list of commands as shown in the following screenshot.

db.help



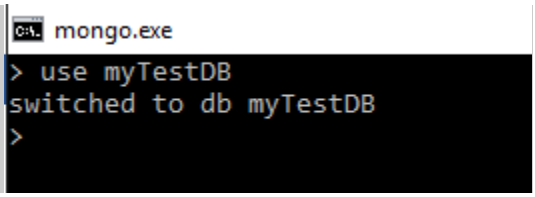
4. Show All Databases

Use below command to get list of all databases.
`show dbs`



5. Create new database

To create a new database execute the following command.
`use DATABASE_NAME`

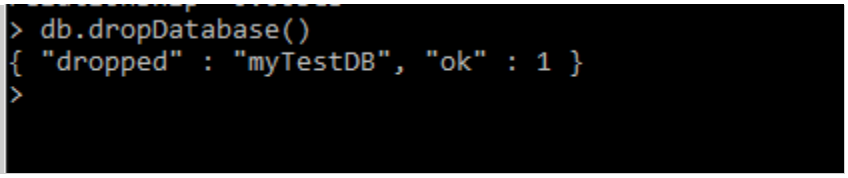


6. Know your current selected database

To know your current working/selected database execute the following command
`db`

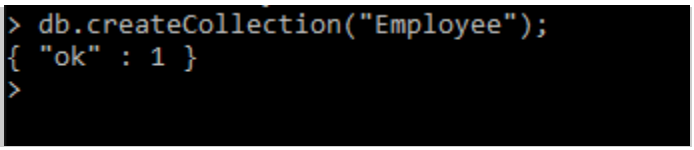
7. Drop database

To drop the database execute following command, this will drop the selected database
`db.dropDatabase()`



8. Create collection

To create the new collection execute the following commands
`db.createCollection(name)`



9. To check collections list

To get the list of collections created execute the following command
Show collections

```
> show collections
Employee
>
```

10. Drop collection

To drop the selected collection execute the following command
db.COLLECTION_NAME.drop()

```
> show collections
Department
Employee
> db.Department.drop()
true
> show collections
Employee
>
```

11. Insert document in collection
>db.COLLECTION_NAME.insert(document)

To insert single document in selected collection execute the following command

```
> db.Employee.insert({name: 'Emp1',address: 'Pune'})
WriteResult({ "nInserted" : 1 })
> db.Employee.insert({name: 'Emp2',address: 'Mumbai'})
WriteResult({ "nInserted" : 1 })
>
```

To insert multiple documents in selected collection execute following command

```
> db.Employee.insertMany([{name : 'Emp1', address:'Pune'},{name: 'Emp2',address: 'Mumbai'}])
{
        "acknowledged" : true,
        "insertedIds" : [
                ObjectId("5b920da763cdcea45e0ac334"),
                ObjectId("5b920da763cdcea45e0ac335")
        ]
}
>
```

12. Get collection document

To get the list documents in collection execute the following command
>db.COLLECTION_NAME.find()

```
> db.Employee.find().pretty()
{
        "_id" : ObjectId("5b920c9863cdcea45e0ac332"),
        "name" : "Emp1",
        "address" : "Pune"
}
{
        "_id" : ObjectId("5b920c9d63cdcea45e0ac333"),
        "name" : "Emp2",
        "address" : "Mumbai"
}
>
```

13. Update document

To update the document in collection execute the following command
>db.COLLECTION_NAME.update(SELECTION_CRITERIA, UPDATED_DATA)

```
> db.Employee.find().pretty()
{
        "_id" : ObjectId("5b920da763cdcea45e0ac334"),
        "name" : "Emp1",
        "address" : "Pune"
}
{
        "_id" : ObjectId("5b920da763cdcea45e0ac335"),
        "name" : "Emp2",
        "address" : "Mumbai"
}
> db.Employee.update({'name':'Emp1'},{$set:{'name':'New Emp1'}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.Employee.find().pretty()
{
        "_id" : ObjectId("5b920da763cdcea45e0ac334"),
        "name" : "New Emp1",
        "address" : "Pune"
}
{
        "_id" : ObjectId("5b920da763cdcea45e0ac335"),
        "name" : "Emp2",
        "address" : "Mumbai"
}
>
```

14. Save document

To save document in collection execute the following command
>db.COLLECTION_NAME.save({_id:ObjectId(),NEW_DATA})

15. Delete document

To delete document in selected collection execute the following command
>db.COLLECTION_NAME.remove(DELLETION_CRITTERIA)

```
> db.Employee.find().pretty()
{
        "_id" : ObjectId("5b920da763cdcea45e0ac334"),
        "name" : "New Emp1",
        "address" : "Pune"
}
{
        "_id" : ObjectId("5b920da763cdcea45e0ac335"),
        "name" : "Emp2",
        "address" : "Mumbai"
}
{
        "_id" : ObjectId("5b920da763cdcea45e0ac337"),
        "name" : "Emp3",
        "address" : "Banglore"
}
> db.Employee.remove({'name':'Emp3'})
WriteResult({ "nRemoved" : 1 })
> db.Employee.find().pretty()
{
        "_id" : ObjectId("5b920da763cdcea45e0ac334"),
        "name" : "New Emp1",
        "address" : "Pune"
}
{
        "_id" : ObjectId("5b920da763cdcea45e0ac335"),
        "name" : "Emp2",
        "address" : "Mumbai"
}
>
```

If you would like for more details on the content of this blog, please comment on the section given below and I would try my best to answer your all queries.