**Notes**

**MongoDb latest stable version - 4.2.7**

**MongoDb download**

<https://www.mongodb.com/try/download/community>

**MongoDb installation guide**

<https://docs.mongodb.com/manual/tutorial/install-mongodb-on-windows/>

**MongoDb compass ( latest1.21.2) provide GUI where we can visualize our databases**

<https://www.mongodb.com/try/download/compass>

**Basic MongoDb commands**

show dbs ---------------to check all databases

use MyNewDb --------------to make that database in use

db ---------------to show current database

db.createCollection(“users”) -----------------to create collection user

db.users.insert({"firstName":"Saurabh","LastName":"Bhushan","Mobile":"8982592619","UserI":1}) --------------------to Insert user

db.users.update({'firstName':'Saurabh'}, {$set:{'firstName':'New MongoDB Tutorial'}},{multi:true}) -------------to update

db.users.find({"firstName":"Saurabh"}).pretty() -----find by passing value in key value pair

db.users.drop()

------------------

To insert one document at a time

db.createCollection("empDetails")

db.empDetails.insertOne(

{

First\_Name: "Radhika",

Last\_Name: "Sharma",

Date\_Of\_Birth: "1995-09-26",

e\_mail: "radhika\_sharma.123@gmail.com",

phone: "9848022338"

})

db.empDetails.find() -------display all the documents in a non-structured way

db.empDetails.find().pretty() ------------ To display the results in a formatted way

**To insert many documents**

db.empDetails.insertMany(

[

{

First\_Name: "Radhika",

Last\_Name: "Sharma",

Date\_Of\_Birth: "1995-09-26",

e\_mail: "radhika\_sharma.123@gmail.com",

phone: "9000012345"

},

{

First\_Name: "Rachel",

Last\_Name: "Christopher",

Date\_Of\_Birth: "1990-02-16",

e\_mail: "Rachel\_Christopher.123@gmail.com",

phone: "9000054321"

},

{

First\_Name: "Fathima",

Last\_Name: "Sheik",

Date\_Of\_Birth: "1990-02-16",

e\_mail: "Fathima\_Sheik.123@gmail.com",

phone: "9000054321"

}

]

)

db.empDetails.remove() -----------to remove

**For Dotnet core and mongo integration please refer -**

<https://docs.microsoft.com/en-us/aspnet/core/tutorials/first-mongo-app?view=aspnetcore-3.1&tabs=visual-studio>

**Ngp for MongoDbclient is “mongodb.driver “ 2.10.4 latest version**

Code which we write in order to access **MongoClient** which listens mongoserver at **port 27017** and help in performing crud operation in mongodb -

**private IMongoCollection<Employee> collection;**

**public HomeController()**

**{**

**var client = new MongoClient("mongodb://localhost:27017");**

**IMongoDatabase db = client.GetDatabase("EmpDB");**

**this.collection = db.GetCollection<Employee>("Emp");**

**}**

**CRUD app using Dotnet core and mongoDB**

<http://www.binaryintellect.net/articles/b6f251ee-0dd9-4741-8928-107a62b63e74.aspx>