

MONGODB

To check mongodb ,open the cmd prompt and type mongo. Then we will get output like below with port no.

```
C:\Users\kapar>mongo
MongoDB shell version v5.0.20
connecting to: mongodb://127.0.0.1:27017/?compressors=disabled&gssapiServiceName=mongodb
Implicit session: session { "id" : UUID("22ea2529-3487-47c6-98e9-f00432d665ee") }
MongoDB server version: 5.0.20
=====
Warning: the "mongo" shell has been superseded by "mongosh",
which delivers improved usability and compatibility. The "mongo" shell has been deprecated and will be removed in
an upcoming release.
For installation instructions, see
https://docs.mongodb.com/mongodb-shell/install/
=====
---
The server generated these startup warnings when booting:
  2023-08-28T18:49:55.874+05:30: Access control is not enabled for the database. Read and write access to data and
  configuration is unrestricted
---
> |
```

CRUD OPERATIONS{CREATE,READ,UPDATE,DELETE AND DROP}:

1.Create DataBase:

```
---
> use makeskilled
switched to db makeskilled
> |
```

2.Create collection:

```
> db.createCollection("teamdetails");
{
  "ok" : 0,
  "errmsg" : "Collection already exists. NS: makeskilled.teamdetails",
  "code" : 48,
  "codeName" : "NamespaceExists"
}
```

3.InsertMany:

```
> db.teamdetails.insertMany([{"name":"surya","age":"21"}, {"name":"nazeer","age":"22"}]);
{
  "acknowledged" : true,
  "insertedIds" : [
    ObjectId("64f756877b88c1e3b408238d"),
    ObjectId("64f756877b88c1e3b408238e")
  ]
}
> |
```

```
> db.teamdetails.find();
{ "_id" : ObjectId("64f6e0e9f277948ae734224b"), "name" : "revanth kumar", "age" : "21" }
{ "_id" : ObjectId("64f6e0e9f277948ae734224c"), "name" : "numair", "age" : "21" }
{ "_id" : ObjectId("64f6e0e9f277948ae734224d"), "name" : "vishwa", "age" : "23" }
{ "_id" : ObjectId("64f756877b88c1e3b408238d"), "name" : "surya", "age" : "21" }
{ "_id" : ObjectId("64f756877b88c1e3b408238e"), "name" : "nazeer", "age" : "22" }
> |
```

4.Update:

```
> db.teamdetails.update({"name":"vishwa"},{$set:{"name":"vishwasai"}});
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.teamdetails.find();
{ "_id" : ObjectId("64f6e0e9f277948ae734224b"), "name" : "revanth kumar", "age" : "21" }
{ "_id" : ObjectId("64f6e0e9f277948ae734224c"), "name" : "numair", "age" : "21" }
{ "_id" : ObjectId("64f6e0e9f277948ae734224d"), "name" : "vishwasai", "age" : "23" }
{ "_id" : ObjectId("64f756877b88c1e3b408238d"), "name" : "surya", "age" : "21" }
{ "_id" : ObjectId("64f756877b88c1e3b408238e"), "name" : "nazeer", "age" : "22" }
>
```

5.Remove:

```
> db.teamdetails.remove({"name":"nazeer"});
WriteResult({ "nRemoved" : 1 })
> db.teamdetails.find();
{ "_id" : ObjectId("64f6e0e9f277948ae734224b"), "name" : "revanth kumar", "age" : "21" }
{ "_id" : ObjectId("64f6e0e9f277948ae734224c"), "name" : "numair", "age" : "21" }
{ "_id" : ObjectId("64f6e0e9f277948ae734224d"), "name" : "vishwasai", "age" : "23" }
{ "_id" : ObjectId("64f756877b88c1e3b408238d"), "name" : "surya", "age" : "21" }
> |
```

6.Drop:

- To delete a collection:-
db.collectionname.drop();
- To delete a database:-
db.dropdatabase();