ASSIGNMENT NO 1

1.TO CHANGE IN MONGODB ENVIRONMENT
        mongo

2.SHOW DATABASES
        > show dbs
        admin   0.000GB
        config   0.000GB
        database 0.000GB
        local   0.000GB

3.CREATE DATABASE
        > use agri
        switched to db agri

4.CREATE TABLE(COLLECTION)
        > db.createCollection("report")
        { "ok" : 1 }

5.SHOW TABLES
        > show collections
        report

6.INSERT RECORD
        > db.report.insert({crop:"rice", weight:"200", city:"pune", quality:"poor"})
        WriteResult({ "nInserted" : 1 })

7.INSERT MULTIPLE RECORDS
        >   db.report.insertMany([{crop:"wheat",   weight:"200",   city:"mumbai",
quality:"poor"},   {crop:"jowar",   city:"abad",   quality:"good"},{crop:"coffee",
weight:"149", city:"nashik",   quality:"very good"}])
        {
                "acknowledged" : true,
                "insertedIds" : [
                        ObjectId("5e54a398a1e70cc8b402ee7a"),
                        ObjectId("5e54a398a1e70cc8b402ee7b"),
                        ObjectId("5e54a398a1e70cc8b402ee7c")
                ]
        }

8.DISPLAY RECORDS
        > db.report.find()
        { "_id" : ObjectId("5e54a371a1e70cc8b402ee79"), "crop" : "wheat", "weight" :
"200", "city" : "mumbai", "quality" : "poor" }
        { "_id" : ObjectId("5e54a398a1e70cc8b402ee7a"), "crop" : "wheat", "weight" :
"200", "city" : "mumbai", "quality" : "poor" }

```
{ "_id" : ObjectId("5e54a398a1e70cc8b402ee7b"), "crop" : "jowar", "city" : "abad",
"quality" : "good" }
{ "_id" : ObjectId("5e54a398a1e70cc8b402ee7c"), "crop" : "coffee", "weight" :
"149", "city" : "nashik", "quality" : "very good" }
{ "_id" : ObjectId("5e54a4b8a1e70cc8b402ee7d"), "crop" : "cotton", "weight" :
"232",        "city" : "amravati", "quality" : "nice" }
```

9.DISPLAY RECORDS IN A FORMAT

```
> db.report.find().pretty()
{
        "_id" : ObjectId("5e54a2e1a1e70cc8b402ee78"),
        "crop" : "rice",
        "weight" : "200",
        "city" : "pune",
        "quality" : "poor"
}
{
        "_id" : ObjectId("5e54a371a1e70cc8b402ee79"),
        "crop" : "wheat",
        "weight" : "200",
        "city" : "mumbai",
        "quality" : "poor"
}
{
        "_id" : ObjectId("5e54a398a1e70cc8b402ee7a"),
        "crop" : "wheat",
        "weight" : "200",
        "city" : "mumbai",
        "quality" : "poor"
}
{
        "_id" : ObjectId("5e54a398a1e70cc8b402ee7b"),
        "crop" : "jowar",
        "city" : "abad",
        "quality" : "good"
}
{
        "_id" : ObjectId("5e54a398a1e70cc8b402ee7c"),
        "crop" : "coffee",
        "weight" : "149",
        "city" : "nashik",
        "quality" : "very good"
}
```

10.DISPLAY FIRST RECORD

```
> db.report.findOne()
{
        "_id" : ObjectId("5e54a2e1a1e70cc8b402ee78"),
```

```
                "crop" : "rice",
                "weight" : "200",
                "city" : "pune",
                "quality" : "poor"
        }
```

11.INSERT ONE RECORD

```
        > db.report.insertOne({crop:"cotton", weight:"232", city:"amravati", quality:"nice"})
        {
                "acknowledged" : true,
                "insertedId" : ObjectId("5e54a4b8a1e70cc8b402ee7d")
        }
```

12.REMOVE SELECTED RECORD

```
        > db.report.remove({crop:"rice"})
        WriteResult({ "nRemoved" : 1 })

        > db.report.find().pretty()
        {
                "_id" : ObjectId("5e54a371a1e70cc8b402ee79"),
                "crop" : "wheat",
                "weight" : "200",
                "city" : "mumbai",
                "quality" : "poor"
        }
        {
                "_id" : ObjectId("5e54a398a1e70cc8b402ee7a"),
                "crop" : "wheat",
                "weight" : "200",
                "city" : "mumbai",
                "quality" : "poor"
        }
        {
                "_id" : ObjectId("5e54a398a1e70cc8b402ee7b"),
                "crop" : "jowar",
                "city" : "abad",
                "quality" : "good"
        }
        {
                "_id" : ObjectId("5e54a398a1e70cc8b402ee7c"),
                "crop" : "coffee",
                "weight" : "149",
                "city" : "nashik",
                "quality" : "very good"
        }
        {
                "_id" : ObjectId("5e54a4b8a1e70cc8b402ee7d"),
                "crop" : "cotton",
                "weight" : "232",
```

```
            "city" : "amravati",
            "quality" : "nice"
      }

13.DROP DATABASE
      > db.dropDatabase()
      { "ok" : 1 }

14.DROP TABLE
      > db.report.drop()
      true
```