Assignment – 1

1. Create a data base named "hospital".

```
> use hospital
switched to db hospital
```

2. Add the details of patient 1.

```
> db.patient.insertOne({
... Name : "Sohel",
... Age : 23,
... Mobile No: 9374204324,
... Disease : "Cold",
... Treatment : "XYZ"
... })
```

3. Add the details of other patient.

```
> db.createCollection("Patient")
{ "ok" : 1 }
> db.Patient.insert({ Name : "sohel", Age : 23, Mobile_No : 2374023234, Disease : "Cold", Treatment : "XYZ"})
WriteResult({ "nInserted" : 1 })
> db.Patient.insert({ Name : "Sajid", Age : 20, Mobile_No : 2374022334, Disease : "Fever", Treatment : "PQR"})
WriteResult({ "nInserted" : 1 })
> db.Patient.insert({ Name : "Vikas", Age : 10, Mobile_No : 1274022334, Disease : "Aids", Treatment : "SQR"})
WriteResult({ "nInserted" : 1 })
> db.Patient.insert({ Name : "Prasad", Age : 65, Mobile_No : 1274442334, Disease : "Cough", Treatment : "HAR"})
WriteResult({ "nInserted" : 1 })
> db.Patient.insert({ Name : "Darshan", Age : 35, Mobile_No : 1275342334, Disease : "Dengue", Treatment : "OUT"})
WriteResult({ "nInserted" : 1 })
```

4. Details of all patient.

```
> db.Patient.find().pretty()
{
        "_id" : ObjectId("640f6608a37e08ce8910bc9b"),
        "Name" : "sohel",
        "Age" : 23,
        "Mobile_No" : 2374023234,
        "Disease" : "Cold",
        "Treatment" : "XYZ"
}
{
        "_id" : ObjectId("640f6644a37e08ce8910bc9c"),
        "Name" : "Sajid",
        "Age" : 20,
        "Mobile_No" : 2374022334,
        "Disease" : "Fever",
        "Treatment" : "PQR"
}
{
        "_id" : ObjectId("640f6682a37e08ce8910bc9d"),
        "Name" : "Vikas",
        "Age" : 10,
        "Mobile_No" : 1274022334,
        "Disease" : "Aids",
        "Treatment" : "SQR"
}
{
        "_id" : ObjectId("640f66bda37e08ce8910bc9e"),
        "Name" : "Prasad",
        "Age" : 65,
        "Mobile_No" : 1274442334,
        "Disease" : "Cough",
        "Treatment" : "HAR"
}
{
        "_id" : ObjectId("640f6704a37e08ce8910bc9f"),
        "Name" : "Darshan",
        "Age" : 35,
        "Mobile_No" : 1275342334,
        "Disease" : "Dengue",
        "Treatment" : "OUT"
}
> |
```
he details

5. <u>Update Name, Age, and Disease of patient.</u>

```
> db.Patient.update({Name : "Prasad"}, {$set:{Name : "Sagar"}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
```

```
> db.Patient.update({Disease : "Cough"}, {$set:{Disease : "Cold"}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
```

```
> db.Patient.update({Age : 65}, {$set:{Age : 56}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
```

6. <u>After the update, all the details of the Patient.</u>

```
> db.Patient.find().pretty()
{
        "_id" : ObjectId("640f6608a37e08ce8910bc9b"),
        "Name" : "sohel",
        "Age" : 23,
        "Mobile_No" : 2374023234,
        "Disease" : "Cold",
        "Treatment" : "XYZ"
}
{
        "_id" : ObjectId("640f6644a37e08ce8910bc9c"),
        "Name" : "Sajid",
        "Age" : 20,
        "Mobile_No" : 2374022334,
        "Disease" : "Fever",
        "Treatment" : "PQR"
}
{
        "_id" : ObjectId("640f6682a37e08ce8910bc9d"),
        "Name" : "Vikas",
        "Age" : 10,
        "Mobile_No" : 1274022334,
        "Disease" : "Aids",
        "Treatment" : "SQR"
}
{
        "_id" : ObjectId("640f66bda37e08ce8910bc9e"),
        "Name" : "Sagar",
        "Age" : 56,
        "Mobile_No" : 1274442334,
        "Disease" : "Cold",
        "Treatment" : "HAR"
}
{
        "_id" : ObjectId("640f6704a37e08ce8910bc9f"),
        "Name" : "Darshan",
        "Age" : 35,
        "Mobile_No" : 1275342334,
        "Disease" : "Dengue",
        "Treatment" : "OUT"
}
> |
```