

Roll no: 2021009

Case Study: School Management System

Use

```
> use Schooldb
switched to db Schooldb
> db
Schooldb
```

createCollections

```
> db.createCollection("StudentDetails")
{ "ok" : 1 }
> show collections
StudentDetails
```

Insert

```
> db.StudentDetails.insert({Name:"Mansi"})
WriteResult({ "nInserted" : 1 })
> db.StudentDetails.insert({Name:"Raj", Rollno: "1"})
WriteResult({ "nInserted" : 1 })
```

find

```
> db.StudentDetails.find()
{ "_id" : ObjectId("611654d7e7aaaaeff5424c77"), "Name" : "Mansi" }
{ "_id" : ObjectId("6116560fe7aaaaeff5424c78"), "Name" : "Raj", "Rollno" : "1" }
```

showdbs

```
> show dbs
Schooldb  0.000GB
admin     0.000GB
config    0.000GB
```

Update

```
> db.StudentDetails.update({'Rollno':'1'},{$set: {'Rollno':'100'}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.StudentDetails.find()
{ "_id" : ObjectId("611654d7e7aaaaeff5424c77"), "Name" : "Mansi" }
{ "_id" : ObjectId("6116560fe7aaaaeff5424c78"), "Name" : "Raj", "Rollno" : "100" }
```

Delete

```
> db.StudentDetails.remove({Name:"Mansi"})
WriteResult({ "nRemoved" : 1 })
> db.StudentDetails.find()
{ "_id" : ObjectId("6116560fe7aaaaeff5424c78"), "Name" : "Raj", "Rollno" : "100" }
>
```