

Network Based Application Development

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Part - 1

Screenshot of Mongo Console for inserting 3 student data without updating:

```
> show dbs
admin    0.000GB
config  0.000GB
local    0.000GB
school   0.000GB
> show collections
students
> db.students.find()
{ "_id" : "800123456", "firstName" : "Claus", "lastName" : "Brown", "degree" : "BS", "program" : "CS" }
{ "_id" : "800678123", "firstName" : "Bruce", "lastName" : "Smith", "degree" : "MS", "program" : "SIS" }
{ "_id" : "801310488", "firstName" : "Sireesha", "lastName" : "Ponnaganti", "degree" : "MS", "program" : "ITIS" }
>
```

After updating the data:

```
> db.students.updateOne({"firstName":"Claus"}, {$set:{ "Program":"Electrical Engineering"}})
{ "acknowledged" : true, "matchedCount" : 1, "modifiedCount" : 1 }
> db.students.find()
{ "_id" : "800123456", "firstName" : "Claus", "lastName" : "Brown", "degree" : "BS", "program" : "CS", "Program" : "Electrical Engineering" }
{ "_id" : "800678123", "firstName" : "Bruce", "lastName" : "Smith", "degree" : "MS", "program" : "SIS" }
{ "_id" : "801310488", "firstName" : "Sireesha", "lastName" : "Ponnaganti", "degree" : "MS", "program" : "ITIS" }
>
```

Commands Used:

use school

```
db.createCollection("students")
```

```
db.students.insertMany([ {_id:"800123456",firstName:"Claus",lastName:"Brown",degree:"BS",program:"CS"},
{ "_id": "800678123", "firstName": "Bruce", "lastName": "Smith", "degree": "MS", "program": "SIS" } ])
```

```
> db.students.insertOne({_id:"801310488",firstName: "Sireesha", lastName:
"Ponnaganti", degree: "MS", program:"ITIS"})
```

```
db.students.updateOne({"firstName":"Claus"}, {$set:{ "Program":"Electrical Engineering" }})
```