Exercise 6: MongoDB

Eshetu Wekjira

Part 1

Insert 3 students in the student collection and the query of the database to find all student's screenshots.

```
          "codeName" : "NamespaceExists"
} db.student.insertMany([{firstName:'Claus', lastName:'Browm', degree:'BS', concentration: 'Software Engineering'},{firstName:'Bruce', lastName:'Smi
th', degree:'BA', concentration:'IT'},{firstName:'Eshetu', lastName:'Wekjira', degree:'BS', concentration: 'Software, System and Network'}])degree:'
BA', concentration:'IT'},{firstName:'Eshetu', lastName:'Wekjira', degree:'BS', concentration: 'Software, S}]){
          "acknowledged" : true,
          "insertedIds" : [
                  ObjectId("6407cf15df14a8d9aac88426"),
                  ObjectId("6407cf15df14a8d9aac88427"),
                  ObjectId("6407cf15df14a8d9aac88428")
          ]
}
> db.student.find()
{ "_id" : ObjectId("6407cf15df14a8d9aac88426"), "firstName" : "Claus", "lastName" : "Browm", "degree" : "BS", "concentration" : "Software Engineerin
g" }
{ "_id" : ObjectId("6407cf15df14a8d9aac88427"), "firstName" : "Bruce", "lastName" : "Smith", "degree" : "BA", "concentration" : "IT" }
{ "_id" : ObjectId("6407cf15df14a8d9aac88428"), "firstName" : "Eshetu", "lastName" : "Wekjira", "degree" : "BS", "concentration" : "Software, System
 and Network" }
>
```

Update database for Claus

```
> db.student.updateOne({firstName: 'Claus'},{$set:{concentration:'Cyber Security'}})
{ "acknowledged" : true, "matchedCount" : 1, "modifiedCount" : 1 }
>
```

Query database for the updated database of Claus.

```
> db.student.find({firstName:'Claus'})
{ "_id" : ObjectId("6407cf15df14a8d9aac88426"), "firstName" : "Claus", "lastName" : "Browm", "degree" : "BS", "concentration" : "Cyber Security" }
>
```