

Checkpoint mongoDB

Display all of the contacts list:

```
> db.contactlist.find()
{ "_id" : ObjectId("62c72e91719e199e22c1ba99"), "id" : 1, "LastName" : "Ben Lahmer", "FirstName" : "Fares", "Email" : "fares@gmail.com", "age" : 26 }
{ "_id" : ObjectId("62c72e91719e199e22c1ba9a"), "id" : 2, "LastName" : "Kefi", "FirstName" : "Seif", "Email" : "kefi@gmail.com", "age" : 15 }
{ "_id" : ObjectId("62c72e91719e199e22c1ba9b"), "id" : 3, "LastName" : "Fatnassi", "FirstName" : "Sarrah", "Email" : "sarrah.f@gmail.com", "age" : 40 }
{ "_id" : ObjectId("62c72e91719e199e22c1ba9c"), "id" : 4, "LastName" : "Ben Yahia", "FirstName" : "Rym", "age" : 4 }
{ "_id" : ObjectId("62c72e91719e199e22c1ba9d"), "id" : 5, "LastName" : "Cherif", "FirstName" : "Sami", "age" : 3 }
>
```

Display all the information about only one person using his ID:

```
> db.contactlist.find({id:1})
{ "_id" : ObjectId("62c72e91719e199e22c1ba99"), "id" : 1, "LastName" : "Ben Lahmer", "FirstName" : "Fares", "Email" : "fares@gmail.com" }
> db.contactlist.find({id:2})
{ "_id" : ObjectId("62c72e91719e199e22c1ba9a"), "id" : 2, "LastName" : "Kefi", "FirstName" : "Seif", "Email" : "kefi@gmail.com", "age" : 15 }
> db.contactlist.find({id:3})
{ "_id" : ObjectId("62c72e91719e199e22c1ba9b"), "id" : 3, "LastName" : "Fatnassi", "FirstName" : "Sarrah", "Email" : "sarrah.f@gmail.com", "age" : 40 }
> db.contactlist.find({id:4})
{ "_id" : ObjectId("62c72e91719e199e22c1ba9c"), "id" : 4, "LastName" : "Ben Yahia", "FirstName" : "Rym", "age" : 4 }
> db.contactlist.find({id:5})
{ "_id" : ObjectId("62c72e91719e199e22c1ba9d"), "id" : 5, "LastName" : "Cherif", "FirstName" : "Sami", "age" : 3 }
>
■
```

Display all the contacts with an age >18 :

```
> db.contactlist.find({age:{ $gt:18}})
{ "_id" : ObjectId("62c72e91719e199e22c1ba99"), "id" : 1, "LastName" : "Ben Lahmer", "FirstName" : "Fares", "Email" : "fares@gmail.com", "age" : 26 }
{ "_id" : ObjectId("62c72e91719e199e22c1ba9b"), "id" : 3, "LastName" : "Fatnassi", "FirstName" : "Sarrah", "Email" : "sarrah.f@gmail.com", "age" : 40 }
>
```

Display all the contacts with an age>18 and name containing "ah":

```
> db.contactlist.find({age:{ $gt:18}, LastName:{ $regex:'ah'}})
{ "_id" : ObjectId("62c72e91719e199e22c1ba99"), "id" : 1, "LastName" : "Ben Lahmer", "FirstName" : "Fares", "Email" : "fares@gmail.com", "age" : 26 }
>
```

Change the contact's first name from "Kefi Seif" to "Kefi Anis" :

```
> db.contactlist.update({FirstName : 'Seif'}, {$set: {FirstName: 'Kefi Anis'}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> ■
```

Delete the contacts that are aged under <5 :

```
> db.contactlist.remove({age: {$lt : 5}})
WriteResult({ "nRemoved" : 2 })
>
```

Display all of the contacts list Method 1:

```
> db.contactlist.find()
{ "_id" : ObjectId("62c72e91719e199e22c1ba99"), "id" : 1, "LastName" : "Ben Lahmer", "FirstName" : "Fares", "Email" : "fares@gmail.com", "age" : 26 }
{ "_id" : ObjectId("62c72e91719e199e22c1ba9a"), "id" : 2, "LastName" : "Kefi", "FirstName" : "Kefi Anis", "Email" : "kefi@gmail.com", "age" : 15 }
{ "_id" : ObjectId("62c72e91719e199e22c1ba9b"), "id" : 3, "LastName" : "Fatnassi", "FirstName" : "Sarrah", "Email" : "sarrah.f@gmail.com", "age" : 40 }
```

Display all of the contacts list Method 2:

```
> db.contactlist.find().pretty()
{
  "_id" : ObjectId("62c72e91719e199e22c1ba99"),
  "id" : 1,
  "LastName" : "Ben Lahmer",
  "FirstName" : "Fares",
  "Email" : "fares@gmail.com",
  "age" : 26
}
{
  "_id" : ObjectId("62c72e91719e199e22c1ba9a"),
  "id" : 2,
  "LastName" : "Kefi",
  "FirstName" : "Kefi Anis",
  "Email" : "kefi@gmail.com",
  "age" : 15
}
{
  "_id" : ObjectId("62c72e91719e199e22c1ba9b"),
  "id" : 3,
  "LastName" : "Fatnassi",
  "FirstName" : "Sarrah",
  "Email" : "sarrah.f@gmail.com",
  "age" : 40
}
```