* Create a database called "contact"

use contact

* Create a collection called "contactlist"

db.createCollection("contactlist")

* Insert 5 persons in "contactlist" :
  + Last name: Ben Lahmer, First  
    name: Fares, Email: [fares@gmail.com](mailto:fares@gmail.com),  
    age:26
  + Last name: Kefi, First name:  
    Seif, Email: [kefi@gmail.com](mailto:kefi@gmail.com), age:15
  + Last name: Fatnassi, First name:  
    Sarra, Email: [sarra.f@gmail.com](mailto:sarra.f@gmail.com), age:40
  + Last name: Ben Yahia, First  
    name: Rym, age:4
  + Last name: Cherif, First name:  
    Sami, age:3

db.contactlist.insertMany([{Lastname: "Ben Lahmer",Firstname: "Fares",Email: "fares@gmail.com", age: 26},{Lastname: "Kefi", Firstname: "Seif", Email: "kefi@gmail.com", age:15 },{Lastname: "Fatnassi", Firstname: "Sarra", Email: "sarra.f@gmail.com", age:40},{Lastname: "Ben Yahia", Firstname: "Rym", age:4},{Lastname: "Cherif", Firstname:"Sami", age:3}])

* Display all the contact list

db.contactlist.find()

* Display all the information about only one person using his id

db.contactlist.find({\_id: ObjectId("5ea96f917aea809b461f4020")})

* Display all the contact list having age>18

db.contactlist.find({age:{$gt:18}})

* Display all the contact list having age>18 and name containing "ah"

db.contactlist.find({$and:[{age:{$gt: 18}},{Lastname:{$regex:".\*ah.\*"}}]})

* Change the contact first name of "kefi Seif" by "Kefi Anis"

db.contactlist.update({Firstname:"Seif"},{$set:{Firstname:"Anis"}})

* Delete the contact list having age < 5

db.contactlist.deleteMany({age:{$lt:5}})

* Display all the contact list

db.contactlist.find().pretty