

MongoDB

&Code :

```
1)use contact
2)db.contactlist.insertMany([
{firstName:'Fares',lastName:'Ben
Lahmer',age:26,email:'fares@gmail.com'},
{firstName:'Seif',lastName:'Kefi',age:15,email:'kefi@gmail.com'},
{firstName:'Sarra',lastName:'Fatnassi',email:'sarra.f@gmail.com',age:4
0},
{firstName:'Rym',lastName:'Ben Yahia',age:4},
{firstName:'Sami',lastName:'Cherif',age:3}
])
3)db.contactlist.findOne(ObjectId("618801fb34c6e3e4a5b41a2b"))
4)db.contactlist.find({age:{$gt:18}})
5)db.contactlist.find({firstName:/ah/,age:{$gt:18}})
6)db.contactlist.updateOne({firstName:'Seif'},{$set:{firstName:'Anis'}})
7)db.contactlist.deleteMany({age:{$lt:5}})
8)db.contactlist.find().pretty()
```

&Screenshots:

```
contact> db.contactlist.find().pretty()
[
  {
    _id: ObjectId("618801fb34c6e3e4a5b41a27"),
    firstName: 'Fares',
    lastName: 'Ben Lahmer',
    age: 26,
    email: 'fares@gmail.com'
  },
  {
    _id: ObjectId("618801fb34c6e3e4a5b41a28"),
    firstName: 'Seif',
    lastName: 'Kefi',
    age: 15,
    email: 'kefi@gmail.com'
  },
  {
    _id: ObjectId("618801fb34c6e3e4a5b41a29"),
    firstName: 'Sarra',
    lastName: 'Fatnassi',
    email: 'sarra.f@gmail.com',
    age: 40
  },
  {
    _id: ObjectId("618801fb34c6e3e4a5b41a2a"),
    firstName: 'Rym',
    lastName: 'Ben Yahia',
    age: 4
  },
  {
    _id: ObjectId("618801fb34c6e3e4a5b41a2b"),
    firstName: 'Sami',
    lastName: 'Cherif',
    age: 3
  }
]
```

```
contact> db.contactlist.findOne(ObjectId("618801fb34c6e3e4a5b41a2b"))
{
  _id: ObjectId("618801fb34c6e3e4a5b41a2b"),
  firstName: 'Sami',
  lastName: 'Cherif',
  age: 3
}
```

```
contact> db.contactlist.find({age:{$gt:18}})  
[  
  {  
    _id: ObjectId("618801fb34c6e3e4a5b41a27"),  
    firstName: 'Fares',  
    lastName: 'Ben Lahmer',  
    age: 26,  
    email: 'fares@gmail.com'  
  },  
  {  
    _id: ObjectId("618801fb34c6e3e4a5b41a29"),  
    firstName: 'Sarra',  
    lastName: 'Fatnassi',  
    email: 'sarra.f@gmail.com',  
    age: 40  
  }  
]
```

```
contact> db.contactlist.find({firstName:/ah/,age:{$gt:18}})  
contact> []
```

```
contact> db.contactlist.updateOne({firstName:'Seif'},{$set:{firstName:'Anis'}})  
{  
  acknowledged: true,  
  insertedId: null,  
  matchedCount: 1,  
  modifiedCount: 1,  
  upsertedCount: 0  
}
```

```
contact> db.contactlist.deleteMany({age:{$lt:5}})  
{ acknowledged: true, deletedCount: 2 }  
contact> []
```

```
contact> db.contactlist.deleteMany({age:{$lt:5}})  
{ acknowledged: true, deletedCount: 2 }  
contact> db.contactlist.find().pretty()  
[  
  {  
    _id: ObjectId("618801fb34c6e3e4a5b41a27"),  
    firstName: 'Fares',  
    lastName: 'Ben Lahmer',  
    age: 26,  
    email: 'fares@gmail.com'  
  },  
  {  
    _id: ObjectId("618801fb34c6e3e4a5b41a28"),  
    firstName: 'Anis',  
    lastName: 'Kefi',  
    age: 15,  
    email: 'kefi@gmail.com'  
  },  
  {  
    _id: ObjectId("618801fb34c6e3e4a5b41a29"),  
    firstName: 'Sarra',  
    lastName: 'Fatnassi',  
    email: 'sarra.f@gmail.com',  
    age: 40  
  }  
]  
contact> []
```

THANK
YOU