1.

```
test> use contact
switched to db contact
```

2.

```
contact> db.contactlist.insertMany([
...     {
...         "Last name": "Ben",
...         "First name": "Moris",
...         "Email": "ben@gmail.com",
...         "age": 26
...     },
...     {
...         "Last name": "Kefi",
...         "First name": "Seif",
...         "Email": "kefi@gmail.com",
...         "age": 15
...     },
...     {
...         "Last name": "Emilie",
...         "First name": "brouge",
...         "Email": "emilie.b@gmail.com",
...         "age": 40
...     },
...     {
...         "Last name": "Alex",
...         "First name": "brown",
...         "age": 4
...     },
...     {
...         "Last name": "Denzel",
...         "First name": "Washington",
contact>
...     }
... ])
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('699a29faa1bba9989d628ca0'),
    '1': ObjectId('699a29faa1bba9989d628ca1'),
    '2': ObjectId('699a29faa1bba9989d628ca2'),
    '3': ObjectId('699a29faa1bba9989d628ca3'),
    '4': ObjectId('699a29faa1bba9989d628ca4')
  }
}
```

3.

```
contact> db.contactlist.find()
[
  {
    _id: ObjectId('699a29faa1bba9989d628ca0'),
    'Last name': 'Ben',
    'First name': 'Moris',
    Email: 'ben@gmail.com',
    age: 26
  },
  {
    _id: ObjectId('699a29faa1bba9989d628ca1'),
    'Last name': 'Kefi',
    'First name': 'Seif',
    Email: 'kefi@gmail.com',
    age: 15
  },
  {
    _id: ObjectId('699a29faa1bba9989d628ca2'),
    'Last name': 'Emilie',
    'First name': 'brouge',
    Email: 'emilie.b@gmail.com',
    age: 40
  },
  {
    _id: ObjectId('699a29faa1bba9989d628ca3'),
    'Last name': 'Alex',
    'First name': 'brown',
    age: 4
  },
  {
    _id: ObjectId('699a29faa1bba9989d628ca4'),
    'Last name': 'Denzel',
    'First name': 'Washington',
    age: 3
  }
]
```

4.

```
contact> db.contactlist.findOne()
{
  _id: ObjectId('699a29faa1bba9989d628ca0'),
  'Last name': 'Ben',
  'First name': 'Moris',
  Email: 'ben@gmail.com',
  age: 26
}
```

5.

```
contact> db.contactlist.find({ "_id": ObjectId('699a29faa1bba9989d628ca0') })
[
  {
    _id: ObjectId('699a29faa1bba9989d628ca0'),
    'Last name': 'Ben',
    'First name': 'Moris',
    Email: 'ben@gmail.com',
    age: 26
  }
]
```

6.

```
contact> db.contactlist.find({ age: { $gt: 18 } })
[
  {
    _id: ObjectId('699a29faa1bba9989d628ca0'),
    'Last name': 'Ben',
    'First name': 'Moris',
    Email: 'ben@gmail.com',
    age: 26
  },
  {
    _id: ObjectId('699a29faa1bba9989d628ca2'),
    'Last name': 'Emilie',
    'First name': 'brouge',
    Email: 'emilie.b@gmail.com',
    age: 40
  }
]
...     $and: [
...         { age: { $gt: 18 } },
...         { $or: [
...             { "Last name": { $regex: "ah", $options: "i" } },
...             { "First name": { $regex: "ah", $options: "i" } }
...         ]}
...     ]
... })
```

7.

```
contact> db.contactlist.updateOne(
...     { "Last name": "Kefi", "First name": "Seif" },
...     { $set: { "First name": "Anis" } }
... )
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
```

8.

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

9.

```
contact> db.contactlist.find()
[
  {
    _id: ObjectId('699a29faa1bba9989d628ca0'),
    'Last name': 'Ben',
    'First name': 'Moris',
    Email: 'ben@gmail.com',
    age: 26
  },
  {
    _id: ObjectId('699a29faa1bba9989d628ca1'),
    'Last name': 'Kefi',
    'First name': 'Anis',
    Email: 'kefi@gmail.com',
    age: 15
  },
  {
    _id: ObjectId('699a29faa1bba9989d628ca2'),
    'Last name': 'Emilie',
    'First name': 'brouge',
    Email: 'emilie.b@gmail.com',
    age: 40
  }
]
```