

## 1. Display all the contact List:

```
Invite de commandes - mongo
>
> db
contact
> db.contactList.find().pretty()
{
  "_id" : ObjectId("605f089e3f8379cfa44c2ff9"),
  "Last name" : "Ben Lahmer",
  "First name" : "Fares",
  "Email" : "fares@gmail.com",
  "age" : 26
}
{
  "_id" : ObjectId("605f09093f8379cfa44c2ffa"),
  "Last name" : "Kefi",
  "First name" : "Seif",
  "Email" : "Kefi@gmail.com",
  "age" : 15
}
{
  "_id" : ObjectId("605f0a3e3f8379cfa44c2ffb"),
  "Last name" : "Fatnassi",
  "First name" : "Sarrah",
  "Email" : "sarrah.f@gmail.com",
  "age" : 40
}
{
  "_id" : ObjectId("605f0a3e3f8379cfa44c2ffc"),
  "Last name" : "Ben Yahia",
  "First name" : "Rym",
  "age" : 4
}
{
  "_id" : ObjectId("605f0a3e3f8379cfa44c2ffd"),
  "Last name" : "Cherif",
  "First name" : "Sami",
  "age" : 3
}
>
```

## 2. Display all the information about only one person using his id

```
Invite de commandes - mongo
> db.contactList.find().pretty()
{
  "_id" : ObjectId("605f089e3f8379cfa44c2ff9"),
  "Last name" : "Ben Lahmer",
  "First name" : "Fares",
  "Email" : "fares@gmail.com",
  "age" : 26
}
{
  "_id" : ObjectId("605f09093f8379cfa44c2ffa"),
  "Last name" : "Kefi",
  "First name" : "Seif",
  "Email" : "Kefi@gmail.com",
  "age" : 15
}
{
  "_id" : ObjectId("605f0a3e3f8379cfa44c2ffb"),
  "Last name" : "Fatnassi",
  "First name" : "Sarraf",
  "Email" : "sarraf@gmail.com",
  "age" : 40
}
{
  "_id" : ObjectId("605f0a3e3f8379cfa44c2ffc"),
  "Last name" : "Ben Yahia",
  "First name" : "Rym",
  "age" : 4
}
{
  "_id" : ObjectId("605f0a3e3f8379cfa44c2ffd"),
  "Last name" : "Cherif",
  "First name" : "Sami",
  "age" : 3
}
> db.contactList.find({_id:ObjectId("605f089e3f8379cfa44c2ff9")}).pretty()
{
  "_id" : ObjectId("605f089e3f8379cfa44c2ff9"),
  "Last name" : "Ben Lahmer",
  "First name" : "Fares",
  "Email" : "fares@gmail.com",
  "age" : 26
}
>
```

### 3. Display all the contact list having age>18

CL Invite de commandes - mongo

```
> db.contactList.find().pretty()
{
  "_id" : ObjectId("605f089e3f8379cfa44c2ff9"),
  "Last name" : "Ben Lahmer",
  "First name" : "Fares",
  "Email" : "fares@gmail.com",
  "age" : 26
}
{
  "_id" : ObjectId("605f09093f8379cfa44c2ffa"),
  "Last name" : "Kefi",
  "First name" : "Seif",
  "Email" : "Kefi@gmail.com",
  "age" : 15
}
{
  "_id" : ObjectId("605f0a3e3f8379cfa44c2ffb"),
  "Last name" : "Fatnassi",
  "First name" : "Sarrah",
  "Email" : "sarrah.f@gmail.com",
  "age" : 40
}
{
  "_id" : ObjectId("605f0a3e3f8379cfa44c2ffc"),
  "Last name" : "Ben Yahia",
  "First name" : "Rym",
  "age" : 4
}
{
  "_id" : ObjectId("605f0a3e3f8379cfa44c2ffd"),
  "Last name" : "Cherif",
  "First name" : "Sami",
  "age" : 3
}
}
> db.contactList.find({age:{$gt:18}})
{ "_id" : ObjectId("605f089e3f8379cfa44c2ff9"), "Last name" : "Ben Lahmer", "First name" : "Fares", "Email" : "fares@gmail.com", "age" : 26 }
{ "_id" : ObjectId("605f0a3e3f8379cfa44c2ffb"), "Last name" : "Fatnassi", "First name" : "Sarrah", "Email" : "sarrah.f@gmail.com", "age" : 40 }
>
```

#### 4. Display all the contact list having age>18 and name containing "ah"

CL Invite de commandes - mongo

```
> db.contactList.find().pretty()
{
  "_id" : ObjectId("605f089e3f8379cfa44c2ff9"),
  "Last name" : "Ben Lahmer",
  "First name" : "Fares",
  "Email" : "fares@gmail.com",
  "age" : 26
}
{
  "_id" : ObjectId("605f09093f8379cfa44c2ffa"),
  "Last name" : "Kefi",
  "First name" : "Seif",
  "Email" : "Kefi@gmail.com",
  "age" : 15
}
{
  "_id" : ObjectId("605f0a3e3f8379cfa44c2ffb"),
  "Last name" : "Fatnassi",
  "First name" : "Sarrah",
  "Email" : "sarrah.f@gmail.com",
  "age" : 40
}
{
  "_id" : ObjectId("605f0a3e3f8379cfa44c2ffc"),
  "Last name" : "Ben Yahia",
  "First name" : "Rym",
  "age" : 4
}
{
  "_id" : ObjectId("605f0a3e3f8379cfa44c2ffd"),
  "Last name" : "Cherif",
  "First name" : "Sami",
  "age" : 3
}
}
> db.contactList.find({age:{$gt:18},'Last name':/ah/})
{ "_id" : ObjectId("605f089e3f8379cfa44c2ff9"), "Last name" : "Ben Lahmer", "First name" : "Fares", "Email" : "fares@gmail.com", "age" : 26 }
>
```

## 5. Change the contact first name of "kefi Seif" by "Kefi Anis"

```
Invite de commandes - mongo
> db.contactList.update({'First name':'Seif'},{$set:{'First name':'Anis'}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.contactList.find().pretty()
{
  "_id" : ObjectId("605f089e3f8379cfa44c2ff9"),
  "Last name" : "Ben Lahmer",
  "First name" : "Fares",
  "Email" : "fares@gmail.com",
  "age" : 26
}
{
  "_id" : ObjectId("605f09093f8379cfa44c2ffa"),
  "Last name" : "Kefi",
  "First name" : "Anis",
  "Email" : "Kefi@gmail.com",
  "age" : 15
}
{
  "_id" : ObjectId("605f0a3e3f8379cfa44c2ffb"),
  "Last name" : "Fatnassi",
  "First name" : "Sarrah",
  "Email" : "sarrah.f@gmail.com",
  "age" : 40
}
{
  "_id" : ObjectId("605f0a3e3f8379cfa44c2ffc"),
  "Last name" : "Ben Yahia",
  "First name" : "Rym",
  "age" : 4
}
{
  "_id" : ObjectId("605f0a3e3f8379cfa44c2ffd"),
  "Last name" : "Cherif",
  "First name" : "Sami",
  "age" : 3
}
>
```

## 6. Delete the contact list having age < 5

```
Invite de commandes - mongo
> db.contactList.remove({age:{$lt:5}})
WriteResult({ "nRemoved" : 2 })
> db.contactList.find().pretty()
{
  "_id" : ObjectId("605f089e3f8379cfa44c2ff9"),
  "Last name" : "Ben Lahmer",
  "First name" : "Fares",
  "Email" : "fares@gmail.com",
  "age" : 26
}
{
  "_id" : ObjectId("605f09093f8379cfa44c2ffa"),
  "Last name" : "Kefi",
  "First name" : "Anis",
  "Email" : "Kefi@gmail.com",
  "age" : 15
}
{
  "_id" : ObjectId("605f0a3e3f8379cfa44c2ffb"),
  "Last name" : "Fatnassi",
  "First name" : "Sarrah",
  "Email" : "sarrah.f@gmail.com",
  "age" : 40
}
>
```

## 7. Display the entire contact list

```
Invite de commandes - mongo
> db.contactList.find().pretty()
{
  "_id" : ObjectId("605f089e3f8379cfa44c2ff9"),
  "Last name" : "Ben Lahmer",
  "First name" : "Fares",
  "Email" : "fares@gmail.com",
  "age" : 26
}
{
  "_id" : ObjectId("605f09093f8379cfa44c2ffa"),
  "Last name" : "Kefi",
  "First name" : "Anis",
  "Email" : "Kefi@gmail.com",
  "age" : 15
}
{
  "_id" : ObjectId("605f0a3e3f8379cfa44c2ffb"),
  "Last name" : "Fatnassi",
  "First name" : "Sarrah",
  "Email" : "sarrah.f@gmail.com",
  "age" : 40
}
>
```