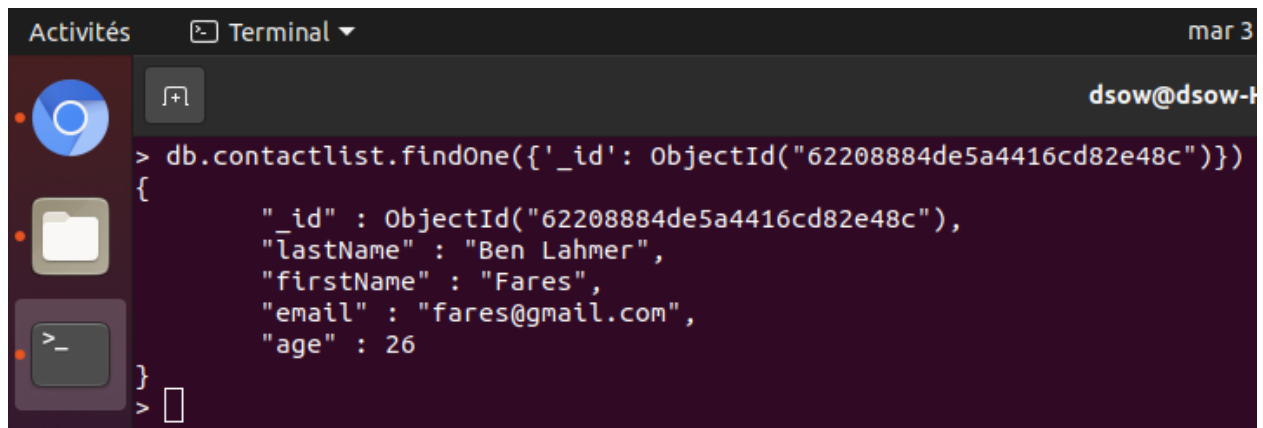


# Checkpoint Mongo

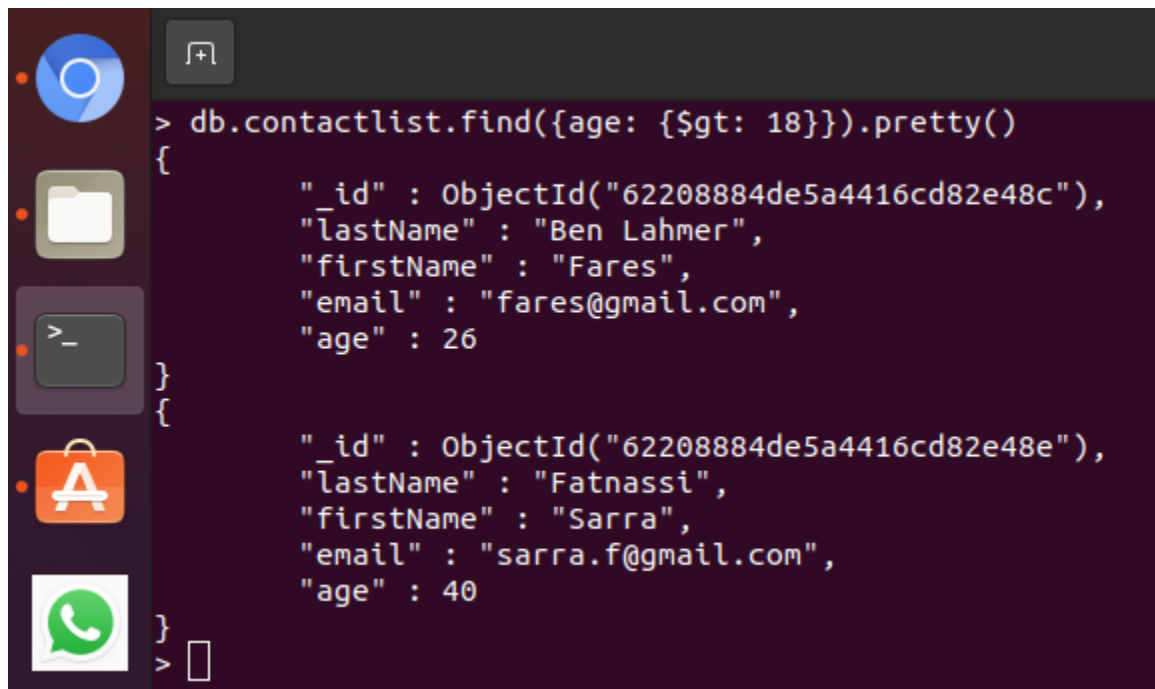
---

**Question 1:** Afficher toutes les informations sur une seule personne utilisant son ID:

A terminal window titled 'Terminal' with a date 'mar 3' in the top right corner. The user 'dsow@dsow-l' is logged in. The command entered is `> db.contactlist.findOne({'_id': ObjectId("62208884de5a4416cd82e48c")})`. The output is a JSON object: `{ "_id" : ObjectId("62208884de5a4416cd82e48c"), "lastName" : "Ben Lahmer", "firstName" : "Fares", "email" : "fares@gmail.com", "age" : 26 }`.

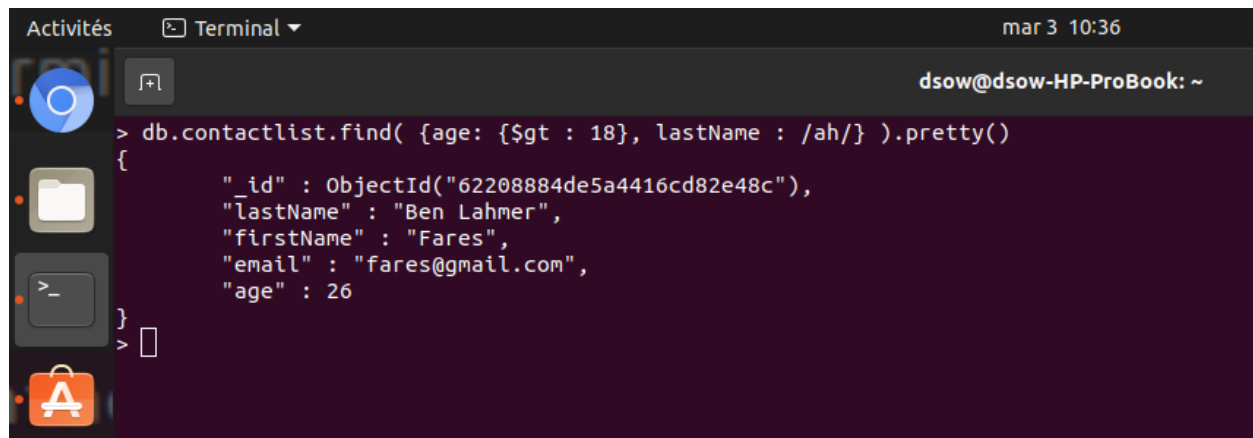
```
Activités Terminal mar 3
dsow@dsow-l
> db.contactlist.findOne({'_id': ObjectId("62208884de5a4416cd82e48c")})
{
  "_id" : ObjectId("62208884de5a4416cd82e48c"),
  "lastName" : "Ben Lahmer",
  "firstName" : "Fares",
  "email" : "fares@gmail.com",
  "age" : 26
}
```

**Question 2:** Afficher tous les contacts avec un âge >18 ans.

A terminal window showing a MongoDB query. The command entered is `> db.contactlist.find({age: {$gt: 18}}).pretty()`. The output shows two JSON objects, one for Ben Lahmer (age 26) and one for Sarra (age 40).

```
> db.contactlist.find({age: {$gt: 18}}).pretty()
{
  "_id" : ObjectId("62208884de5a4416cd82e48c"),
  "lastName" : "Ben Lahmer",
  "firstName" : "Fares",
  "email" : "fares@gmail.com",
  "age" : 26
}
{
  "_id" : ObjectId("62208884de5a4416cd82e48e"),
  "lastName" : "Fatnassi",
  "firstName" : "Sarra",
  "email" : "sarra.f@gmail.com",
  "age" : 40
}
```

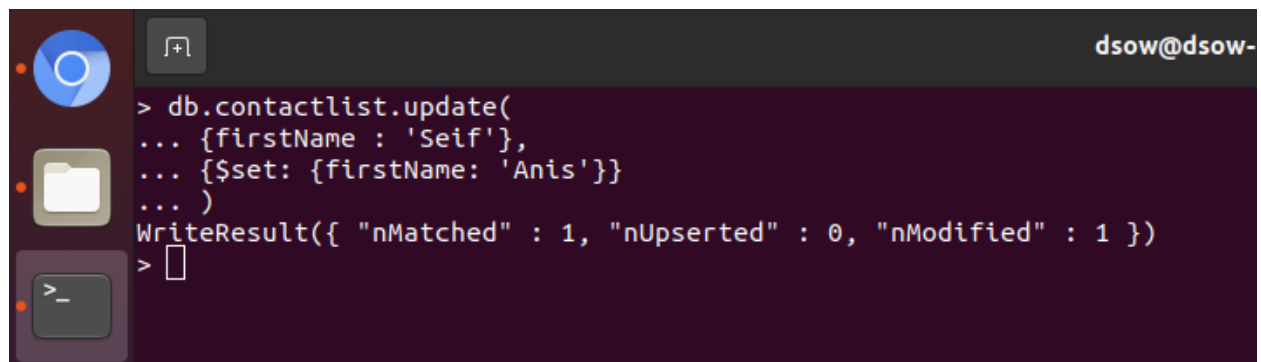
**Question 3:** Afficher tous les contacts avec un âge >18 ans et un nom contenant "ah":



A terminal window titled 'Terminal' with a dark background. The prompt is 'dsow@dsow-HP-ProBook: ~'. The command entered is `> db.contactlist.find( {age: {$gt : 18}, lastName : /ah/} ).pretty()`. The output shows a single document: `{ "_id" : ObjectId("62208884de5a4416cd82e48c"), "lastName" : "Ben Lahmer", "firstName" : "Fares", "email" : "fares@gmail.com", "age" : 26 }`. The terminal window is part of a desktop environment with icons for Activities, Terminal, and a sidebar with icons for a file manager, terminal, and application store. The date and time 'mar 3 10:36' are in the top right corner.

```
> db.contactlist.find( {age: {$gt : 18}, lastName : /ah/} ).pretty()
{
  "_id" : ObjectId("62208884de5a4416cd82e48c"),
  "lastName" : "Ben Lahmer",
  "firstName" : "Fares",
  "email" : "fares@gmail.com",
  "age" : 26
}
```

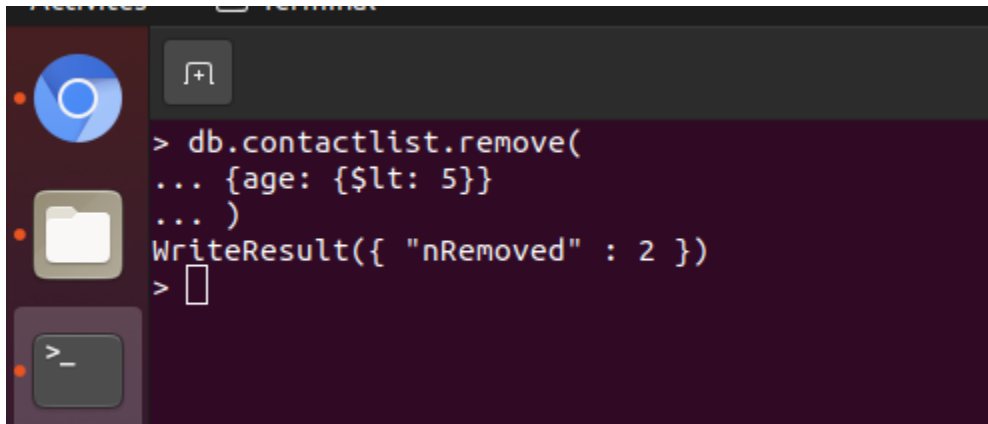
**Question 4:** Changez le prénom du contact de "Kefi Seif" en "Kefi Anis".



A terminal window titled 'Terminal' with a dark background. The prompt is 'dsow@dsow-'. The command entered is `> db.contactlist.update( ... {firstName : 'Seif'}, ... {$set: {firstName: 'Anis'}} ... )`. The output is `WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })`. The terminal window is part of a desktop environment with icons for Activities, Terminal, and a sidebar with icons for a file manager, terminal, and application store. The date and time 'mar 3 10:36' are in the top right corner.

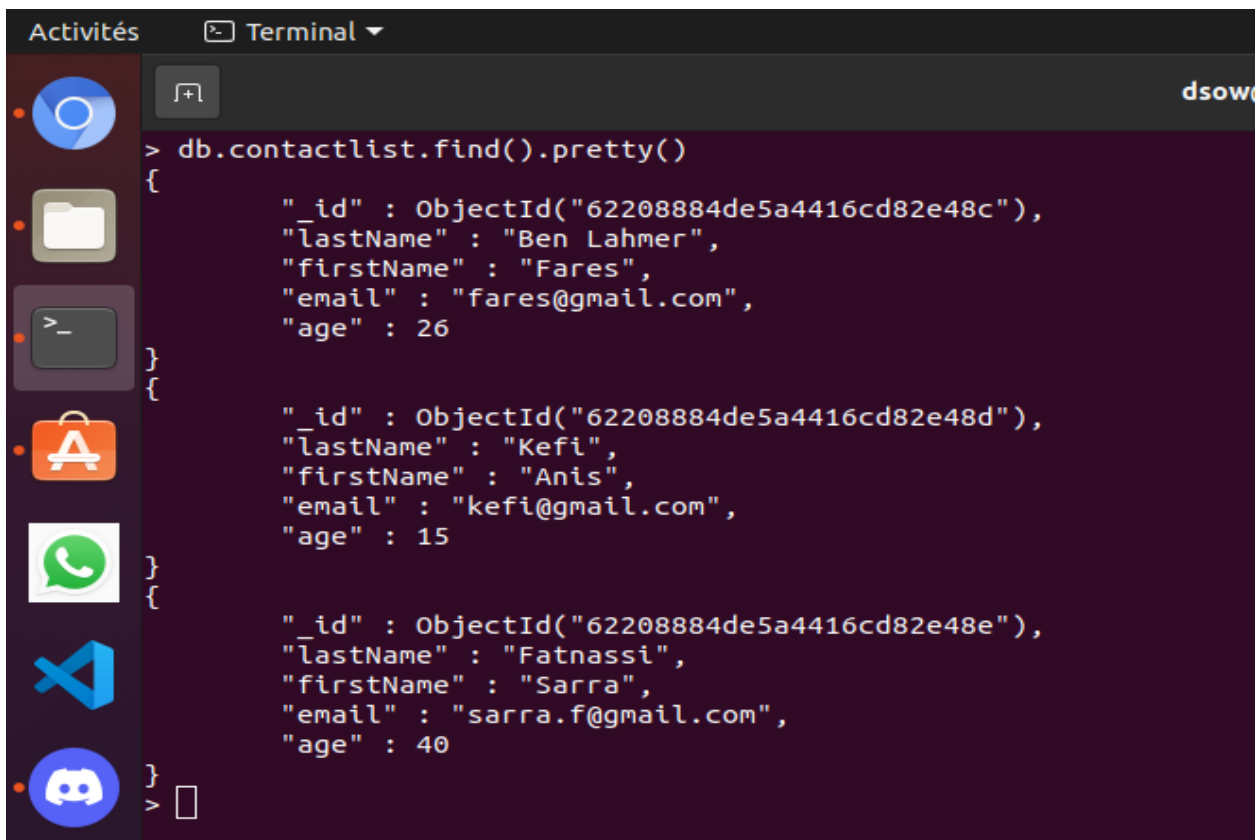
```
> db.contactlist.update(
... {firstName : 'Seif'},
... {$set: {firstName: 'Anis'}}
... )
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
```

**Question 5: Supprimez les contacts âgés de moins de <5 ans:**



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

**Question 6: Afficher toute la liste des contacts.**



```
> db.contactlist.find().pretty()
{
  "_id" : ObjectId("62208884de5a4416cd82e48c"),
  "lastName" : "Ben Lahmer",
  "firstName" : "Fares",
  "email" : "fares@gmail.com",
  "age" : 26
}
{
  "_id" : ObjectId("62208884de5a4416cd82e48d"),
  "lastName" : "Kefi",
  "firstName" : "Anis",
  "email" : "kefi@gmail.com",
  "age" : 15
}
{
  "_id" : ObjectId("62208884de5a4416cd82e48e"),
  "lastName" : "Fatnassi",
  "firstName" : "Sarra",
  "email" : "sarra.f@gmail.com",
  "age" : 40
}
>
```