

Quim *2 super

```
db.people.find({"nationality":'american',"gender":'f'}).pretty()
```

Dani

3

```
db.people.find({"nationality":{"$in":["canadian","english"]}})
```

```
db.people.find({$or:[{"nationality":"english"}, {"nationality":"canadian"}]}).pretty()
```

Diego

4

```
db.people.find({ nationality:{$ne: 'american'}}).pretty()
```

Nº resultados: 4

Arnau

```
5. db.people.find({"nationality":{$ne:"american"}, "occupation":{"$in":["developer","singer"]}}).count()
```

Resultados: 2

6

```
. db.people.find({"occupation":{"$in":["actor","actress"]}}, {_id:0,first:1})
```

Resultados: 5

Diego

7.

```
db.people.find({$nor: [{nationality: 'american'},{nationality: 'canadian'}]}).pretty()
```

rows = 3

Raul

```
db.people.find({"nationality":{"$nin":["american","canadian"]}}).pretty()
```

rows = 3

Arnau

```
8. db.people.find({},{"_id":0,"nationality":1}).sort({"nationality":1})
```

Rows: 8

Diego

9

```
db.people.find({ gender: 'm' }).sort( { occupation: -1 } ).pretty()
```

rows = 6

Query 2

10.Jocon

```
db.people.find({ gender: 'm' ,nationality: "american"}).sort( { last: 1,first: 1 } ).pretty()
```

```
{
  "_id" : ObjectId("5c379e267df727f1d6eed625"),
  "first" : "james",
  "last" : "caan",
  "gender" : "m",
  "nationality" : "american"
}
{
  "_id" : ObjectId("5c379e267df727f1d6eed627"),
  "first" : "tony",
  "last" : "curtis",
  "gender" : "m",
  "nationality" : "american"
}
{
  "_id" : ObjectId("5c379e267df727f1d6eed626"),
  "first" : "arnold",
  "last" : "schwarzenegger",
  "gender" : "m",
  "nationality" : "american"
}

}
```

Arnau

```
11) db.people.find({"occupation":{$ne:"developer"},
"last":{$gte:"c",$lt:"e"}},{ "_id":0,"first":1,"last":1}).sort({"last":1,"first":1})
```

```
{ "first" : "james", "last" : "caan" }
{ "first" : "michael", "last" : "caine" }
{ "first" : "jamie lee", "last" : "curtis" }
{ "first" : "judi", "last" : "dench" }
```

Raül FRANCO hero

12)

```
db.people.find({$or:[{ "occupation":{$in:["actress","actor"]}, "nationality":{$ne:"american"}},{ "occupation":"developer",
"nationality":"american"} ]},{ "_id":0,"first":1,"last":1,"nationality":1,"occupation":1}).sort({"occupation":1}).pretty()
```

```
{
  "first" : "michael",
  "last" : "caine",
  "occupation" : "actor",
  "nationality" : "english"
}
{
  "first" : "judi",
  "last" : "dench",
  "occupation" : "actress",
  "nationality" : "english"
}
{
  "first" : "tony",
  "last" : "curtis",
  "occupation" : "developer",
  "nationality" : "american"
}
```

<https://docs.mongodb.com/manual/reference/operator/aggregation/sort/>

If you have SELinux in enforcing mode, you may need to label port 27017

```
sudo semanage port -a -t mongod_port_t -p tcp 27017
```