

1-Create a database called "contact"

Create a collection called "contactlist"

Insert these documents in "contactlist"

C:\Windows\System32\cmd.exe - mongo

```
}  
{  
  "_id" : ObjectId("60da36c646d469b5cd867262"),  
  "Lastname" : "Ben Yahia",  
  "Firstname" : "Rym",  
  "age" : 4  
}  
{  
  "_id" : ObjectId("60da375446d469b5cd867263"),  
  "Lastname" : "Cherif",  
  "Firstname" : "Sami",  
  "age" : 3  
}  
}  
> db.contactlist.find()  
{ "_id" : ObjectId("60da35a046d469b5cd86725f"), "Lastname" : "Ben Lahmer", "Firstname" : "fares@gmail.com", "age" : 26 }  
{ "_id" : ObjectId("60da35a046d469b5cd867260"), "Lastname" : "Kefi", "Firstname" : "kefi@gmail.com", "age" : 15 }  
{ "_id" : ObjectId("60da36c646d469b5cd867261"), "Lastname" : "Fatnassi", "Firstname" : "sarra.f@gmail.com", "age" : 40 }  
{ "_id" : ObjectId("60da36c646d469b5cd867262"), "Lastname" : "Ben Yahia", "Firstname" : "Rym", "age" : 4 }  
{ "_id" : ObjectId("60da375446d469b5cd867263"), "Lastname" : "Cherif", "Firstname" : "Sami", "age" : 3 }  
>
```



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2-Display all the information about only one person using his ID.

[illegible]

3-Display all the contacts with an age >18.

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```
@(shell):1:29
> db.contactlist.find({age :{$gt: 18}})
{ "_id" : ObjectId("60da35a046d469b5cd86725f"), "Lastname" : "Ben Lahmer",
  "Email" : "fares@gmail.com", "age" : 26 }
{ "_id" : ObjectId("60da36c646d469b5cd867261"), "Lastname" : "Fatnassi", "
  "Email" : "sarra.f@gmail.com", "age" : 40 }
> db.contactlist.find({age :{$gt: 18}}).pretty()
{
  "_id" : ObjectId("60da35a046d469b5cd86725f"),
  "Lastname" : "Ben Lahmer",
  "Firstname" : " Fares",
  "Email" : "fares@gmail.com",
  "age" : 26
}
{
  "_id" : ObjectId("60da36c646d469b5cd867261"),
  "Lastname" : "Fatnassi",
  "Firstname" : " Sarra",
  "Email" : "sarra.f@gmail.com",
  "age" : 40
}
>
```



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4-Display all the contacts with an age>18 and name containing "ah".

C:\Windows\System32\cmd.exe - mongo

```
> db.contactlist.find({age :{$gt: 18},Firstname:/ah/}).pretty()
> db.contactlist.find({age :{$gt: 18},Lastname:/ah/}).pretty()
{
  "_id" : ObjectId("60da35a046d469b5cd86725f"),
  "Lastname" : "Ben Lahmer",
  "Firstname" : " Fares",
  "Email" : "fares@gmail.com",
  "age" : 26
}
>
```



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5-Change the contact's first name from "Kefi Seif" to "Kefi Anis".

C:\Windows\System32\cmd.exe - mongo

```
> db.updateOne({Fi
...
...
> db.updateOne({Lastname:"Kefi"}, {$set : {Firstname:"Anis"}})
uncaught exception: TypeError: db.updateOne is not a function :
@(shell):1:1
> db.contactlist.updateOne({Lastname:"Kefi"}, {$set : {Firstname:"Anis"}})
{ "acknowledged" : true, "matchedCount" : 1, "modifiedCount" : 1 }
> db.contactlist.find({Lastname:"kefi"})
> db.contactlist.find({Lastname:"kefi"})
>
>
> db.contactlist.find()
{ "_id" : ObjectId("60da35a046d469b5cd86725f"), "Lastname" : "Ben Lahmer", "Firstname" : " Fares", "Email" : "fares@gmail.com", "age" : 26 }
{ "_id" : ObjectId("60da35a046d469b5cd867260"), "Lastname" : "Kefi", "Firstname" : "Anis", "Email" : "kefi@gmail.com", "age" : 15 }
{ "_id" : ObjectId("60da375446d469b5cd867263"), "Lastname" : "Cherif", "Firstname" : "Sami", "age" : 15 }
}
{ "_id" : ObjectId("60da4a9d886df0437a30b6b6"), "Lastname" : "Fatnassi", "Firstname" : "Sarrah", "Email" : "sarrah.f@gmail.com", "age" : 40 }
{ "_id" : ObjectId("60da4a9d886df0437a30b6b7"), "Lastname" : "Ben Yahia", "Firstname" : "Rym", "age" : 18 }
}
4 }
> db.contactlist.find({Lastname:"kefi"})
> db.contactlist.find({age :{$gt: 18},Firstname:"Sarrah"}).pretty()
```

Activer Windows

Accédez aux paramètres pour activer Windows.



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FRA 23:52
28/06/2021

6-Delete the contacts that are aged under <5.

C:\Windows\System32\cmd.exe - mongo

```
> db.contactlist.deleteMany({age :{$lt:5}})
{ "acknowledged" : true, "deletedCount" : 2 }
> db.contactlist.find()
{ "_id" : ObjectId("60da35a046d469b5cd86725f"), "Lastname" : "Ben Lahmer", "Firstname" : "fares@gmail.com", "age" : 26 }
{ "_id" : ObjectId("60da35a046d469b5cd867260"), "Lastname" : "Kefi", "Firstname" : "kefi@gmail.com", "age" : 15 }
{ "_id" : ObjectId("60da4a9d886df0437a30b6b6"), "Lastname" : "Fatnassi", "Firstname" : "sarra.f@gmail.com", "age" : 40 }
>
```

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7-Display all of the contacts list.

C:\Windows\System32\cmd.exe - mongo

```
{ "_id" : ObjectId("60da4a9d886df0437a30b6b6"), "Lastname" : "Fatnassi", "Firstname" : "Sarrah",  
  "Email" : "sarra.f@gmail.com", "age" : 40 }  
> db.contactlist.find().pretty()  
{  
  "_id" : ObjectId("60da35a046d469b5cd86725f"),  
  "Lastname" : "Ben Lahmer",  
  "Firstname" : "Fares",  
  "Email" : "fares@gmail.com",  
  "age" : 26  
}  
{  
  "_id" : ObjectId("60da35a046d469b5cd867260"),  
  "Lastname" : "Kefi",  
  "Firstname" : "Anis",  
  "Email" : "kefi@gmail.com",  
  "age" : 15  
}  
{  
  "_id" : ObjectId("60da4a9d886df0437a30b6b6"),  
  "Lastname" : "Fatnassi",  
  "Firstname" : "Sarrah",  
  "Email" : "sarra.f@gmail.com",  
  "age" : 40  
}  
>
```

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