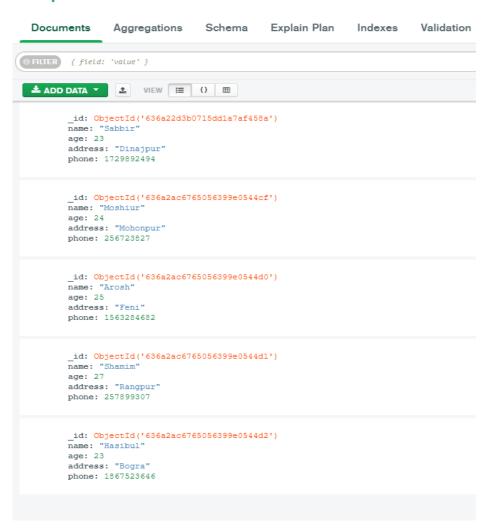
Sorting Data (Ascending & Descending Order)

We have a database named Hospital. Inside the Hospital database, there is a collection named Patient.

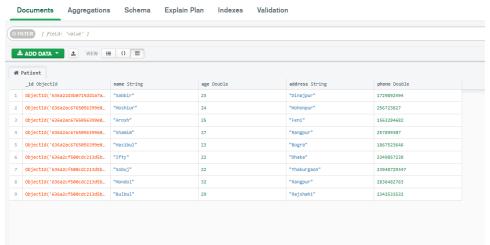
Hospital.Patient



```
_id: ObjectId('636a2cf500cdc213d5ba2be5')
name: "Ifty"
age: 22
address: "Dhaka"
phone: 2349857238
id: ObjectId('636a2cf500cdc213d5ba2be6')
name: "Sobuj"
age: 22
address: "Thakurgaon"
phone: 23948729347
_id: ObjectId('636a2cf500cdc213d5ba2be7')
name: "Mondol"
age: 32
address: "Rangpur"
phone: 2836482763
_id: ObjectId('636a2cf500cdc213d5ba2be8')
name: "Bulbul"
age: 29
address: "Rajshahi"
phone: 2342532532
```

We can view the documents in table format:





Ascending Order:

MongoDB shell command:

db.Patient.find({},{name: 1, age: 1, _id: 0}).sort({age:1})

After Sorting:

```
> db.Patient.find({},{name: 1, age: 1, _id: θ}).sort({age:1})
{ "name" : "Ifty", "age" : 22 }
{ "name" : "Sobuj", "age" : 23 }
{ "name" : "Hasibul", "age" : 23 }
{ "name" : "Moshiur", "age" : 24 }
{ "name" : "Arosh", "age" : 25 }
{ "name" : "Shamim", "age" : 27 }
{ "name" : "Bulbul", "age" : 29 }
{ "name" : "Mondol", "age" : 32 }
>
```

Descending Order:

MongoDB shell command:

```
db.Patient.find({},{name: 1, age: 1, _id: 0}).sort({age:-1})
```

After Sorting:

```
> db.Patient.find({{},{name: 1, age: 1, _id: θ{}}).sort({age:-1})
{ "name" : "Mondol", "age" : 22 }
{ "name" : "Bulbul", "age" : 27 }
{ "name" : "Shamim", "age" : 27 }
{ "name" : "Arosh", "age" : 25 }
{ "name" : "Moshiur", "age" : 24 }
{ "name" : "Sabbir", "age" : 23 }
{ "name" : "Hasibul", "age" : 23 }
{ "name" : "Ifty", "age" : 22 }
{ "name" : "Sobuj", "age" : 22 }
>
```