

# Mongo DB

Session 4

# Find

```
>db.COLLECTION_NAME.find()
```



# Find

Operation	Syntax	RDBMS Equivalent
Equality	{<key>:{\$eq:<value>}}	Where key = value
Less Than	{<key>:{\$lt:<value>}}	Where key < value
Less Than Equals	{<key>:{\$lte:<value>}}	Where key <= value
Greater Than	{<key>:{\$gt:<value>}}	Where key > value
Greater Than Equals	{<key>:{\$gte:<value>}}	Where key >= value
Not Equals	{<key>:{\$ne:<value>}}	Where key != value
Values in Array	{<key>:{\$in:[<value1>, <value2>,.....<valueN>]}}	Where key in ["value1", "value2"]
Values not in an Array	{<key>:{\$nin:[<value1>, <value2>,.....<valueN>]}}	Where key not in ["value1", "value2"]



# And

```
>db.mycol.find({ $and: [ {<key1>:<value1>}, { <key2>:<value2>} ] })
```



# Or

```
>db.mycol.find(  
  {  
    $or: [  
      {key1: value1}, {key2:value2}  
    ]  
  }  
)<pretty()
```



# Nor

```
> db.empDetails.find(
  {
    $nor:[
      40
      {"First_Name": "Radhika"},
      {"Last_Name": "Christopher"}
    ]
  }
).pretty()
{
  "_id" : ObjectId("5dd631f270fb13eec3963bef"),
  "First_Name" : "Fathima",
  "Last_Name" : "Sheik",
  "Age" : "24",
  "e_mail" : "Fathima_Sheik.123@gmail.com",
  "phone" : "9000054321"
}
```



# Not

```
>db.COLLECTION_NAME.find(
    {
        $NOT: [
            {key1: value1}, {key2:value2}
        ]
    }
).pretty()
```



# Mongo DB

Practice 4





# Objectives

- + Create a simple search by name, contact, city or other
- + Create a search using multiple conditions with and/or operators

# References

- <https://www.npmjs.com/package/inquirer>
- <https://www.npmjs.com/package/mongodb>
- <https://docs.mongodb.com/manual/security>