

## Mongo db

### 1. find (.)

db.collection.find (query, projection)

↓  
(from)

↓  
search  
criteria (where)

fields to include / exclude (select)

→ db.user.find () [select \*]

→ db.users.find ({ "city": "New York" })

↓  
JSON object

→ db.users.find ({ "age": { "\$gt": 25 } })

↓  
Logical operator [ > ]

\$lt [ < ]    \$lte [ <= ]

→ Logical operators \$and, \$or, \$not and \$nor

→ db.users.find ({ "\$or": [ { "city": "New York" }, { "city": "San Francisco" } ] })

↓  
List of conditions → required by logical operators

Projection:-

db.users.find({}, {"name": 1, "age": 1, "id": 0})  
no id

sort:-

db.users.find().sort({"age": 1}), -1 → desc  
asc

Limit:-

db.users.find().limit(3)

Eg: 2 oldest users

db.users.find().sort({"age": -1}).limit(2)

Skip:-

db.users.find().skip(2).limit(2)