

1)Create a database called **person** & create collection called **details**

2)Create the above 6 person's details documents.

3)Find the persons following this conditions

Age > 50

```
ukistu11@ukipc11: ~
mongoses      0.000GB
music          0.000GB
node-authentication 0.000GB
notable         0.000GB
person          0.000GB
react_app       0.000GB
schoolfinder    0.000GB
showtracker     0.000GB
student          0.000GB
tech_overflow   0.000GB
thaneesan        0.000GB
uki              0.000GB
> use person
switched to db person
> db.details.insert([{"name": "Dinesh", age: 20, salary: 10000}, {"name": "Rajesh", age: 40, salary: 35000}])
2017-12-21T13:53:46.696+0530 E QUERY [thread1] SyntaxError: missing ] in computed property name @(shell):1:57
> db.details.insert({name:"Dines", age:20, salary:10000})
WriteResult({ "nInserted" : 1 })
> db.details.insert({name:"Rajesh", age:40, salary:35000})
WriteResult({ "nInserted" : 1 })
> db.details.insert({name:"Nila", age:50, salary:15000})
WriteResult({ "nInserted" : 1 })
> db.details.insert({name:"Malar", age:61, salary:20000})
WriteResult({ "nInserted" : 1 })
> db.details.insert({name:"Ramani", age:65, salary:20000})
WriteResult({ "nInserted" : 1 })
> db.details.find()
[ { "_id" : ObjectId("5a3b6ee120593a7dbb55e53e1"), "name" : "Ragu", "age" : 18, "salary" : 8000 },
{ "_id" : ObjectId("5a3b6fd9c6805e79345e232"), "name" : "Dines", "age" : 20, "salary" : 10000 },
{ "_id" : ObjectId("5a3b700b9c6805e79345e233"), "name" : "Rajesh", "age" : 40, "salary" : 35000 },
{ "_id" : ObjectId("5a3b701e9c6805e79345e234"), "name" : "Nila", "age" : 50, "salary" : 15000 },
{ "_id" : ObjectId("5a3b70309c6805e79345e235"), "name" : "Malar", "age" : 61, "salary" : 20000 },
{ "_id" : ObjectId("5a3b70429c6805e79345e236"), "name" : "Ramani", "age" : 65, "salary" : 20000 }
> db.details.find({"age":{$gt: 50}})
[ { "_id" : ObjectId("5a3b70309c6805e79345e235"), "name" : "Malar", "age" : 61, "salary" : 20000 },
{ "_id" : ObjectId("5a3b70429c6805e79345e236"), "name" : "Ramani", "age" : 65, "salary" : 20000 }
> █
```



Age < 50

```
ukistu11@ukipc11: ~
mongoses      0.000GB
music          0.000GB
node-authentication 0.000GB
notable         0.000GB
person          0.000GB
react_app       0.000GB
schoolfinder    0.000GB
showtracker     0.000GB
student          0.000GB
tech_overflow   0.000GB
thaneesan        0.000GB
uki              0.000GB
> use person
switched to db person
> db.details.insert([{"name": "Dinesh", age: 20, salary: 10000}, {"name": "Rajesh", age: 40, salary: 35000}])
2017-12-21T13:53:46.696+0530 E QUERY [thread1] SyntaxError: missing ] in computed property name @(shell):1:57
> db.details.insert({name:"Dines", age:20, salary:10000})
WriteResult({ "nInserted" : 1 })
> db.details.insert({name:"Rajesh", age:40, salary:35000})
WriteResult({ "nInserted" : 1 })
> db.details.insert({name:"Nila", age:50, salary:15000})
WriteResult({ "nInserted" : 1 })
> db.details.insert({name:"Malar", age:61, salary:20000})
WriteResult({ "nInserted" : 1 })
> db.details.insert({name:"Ramani", age:65, salary:20000})
WriteResult({ "nInserted" : 1 })
> db.details.find()
[ { "_id" : ObjectId("5a3b6ee120593a7dbb55e53e1"), "name" : "Ragu", "age" : 18, "salary" : 8000 },
{ "_id" : ObjectId("5a3b6fd9c6805e79345e232"), "name" : "Dines", "age" : 20, "salary" : 10000 },
{ "_id" : ObjectId("5a3b700b9c6805e79345e233"), "name" : "Rajesh", "age" : 40, "salary" : 35000 },
{ "_id" : ObjectId("5a3b701e9c6805e79345e234"), "name" : "Nila", "age" : 50, "salary" : 15000 },
{ "_id" : ObjectId("5a3b70309c6805e79345e235"), "name" : "Malar", "age" : 61, "salary" : 20000 },
{ "_id" : ObjectId("5a3b70429c6805e79345e236"), "name" : "Ramani", "age" : 65, "salary" : 20000 }
> db.details.find({"age":{$lt: 50}})
[ { "_id" : ObjectId("5a3b6ee120593a7dbb55e53e1"), "name" : "Ragu", "age" : 18, "salary" : 8000 },
{ "_id" : ObjectId("5a3b6fd9c6805e79345e232"), "name" : "Dines", "age" : 20, "salary" : 10000 },
{ "_id" : ObjectId("5a3b700b9c6805e79345e233"), "name" : "Rajesh", "age" : 40, "salary" : 35000 }
> █
```



Salary=20000/=

```
ukistu11@ukipc11: ~
ukistu11@ukipc11: ~
showtracker      0.000GB
student         0.000GB
tech_overflow   0.000GB
thaneesan       0.000GB
uki             0.000GB
> use person
switched to db person
> db.details.insert([{"name": "Dinesh", age: 20, salary: 10000}, {"name": "Rajesh", age: 40, salary: 35000}])
2017-12-21T13:53:46.696+0530 E QUERY    [thread1] SyntaxError: missing ] in computed property name @($shell):1:57
> db.details.insert({name: "Dines", age: 20, salary: 10000})
WriteResult({ "ninserted" : 1 })
> db.details.insert({name: "Rajesh", age: 40, salary: 35000})
WriteResult({ "ninserted" : 1 })
> db.details.insert({name: "Nila", age: 50, salary: 15000})
WriteResult({ "ninserted" : 1 })
> db.details.insert({name: "Malar", age: 61, salary: 20000})
WriteResult({ "ninserted" : 1 })
> db.details.insert({name: "Ramani", age: 65, salary: 20000})
WriteResult({ "ninserted" : 1 })
> db.details.find()
[ { "_id" : ObjectId("5a3b6e120593a7dbb55e53e1"), "name" : "Ragu", "age" : 18, "salary" : 8000 },
{ "_id" : ObjectId("5a3b6fd9c6805e79345e232"), "name" : "Dines", "age" : 20, "salary" : 10000 },
{ "_id" : ObjectId("5a3b700b9c6805e79345e233"), "name" : "Rajesh", "age" : 40, "salary" : 35000 },
{ "_id" : ObjectId("5a3b701e9c6805e79345e234"), "name" : "Nila", "age" : 50, "salary" : 15000 },
{ "_id" : ObjectId("5a3b70309c6805e79345e235"), "name" : "Malar", "age" : 61, "salary" : 20000 },
{ "_id" : ObjectId("5a3b70429c6805e79345e236"), "name" : "Ramani", "age" : 65, "salary" : 20000 }
> db.details.find("age:{$gt: 50}")
[ { "_id" : ObjectId("5a3b70309c6805e79345e235"), "name" : "Malar", "age" : 61, "salary" : 20000 },
{ "_id" : ObjectId("5a3b70429c6805e79345e236"), "name" : "Ramani", "age" : 65, "salary" : 20000 }
> db.details.find("age:{$lt: 50}")
[ { "_id" : ObjectId("5a3b6e120593a7dbb55e53e1"), "name" : "Ragu", "age" : 18, "salary" : 8000 },
{ "_id" : ObjectId("5a3b6fd9c6805e79345e232"), "name" : "Dines", "age" : 20, "salary" : 10000 },
{ "_id" : ObjectId("5a3b700b9c6805e79345e233"), "name" : "Rajesh", "age" : 40, "salary" : 35000 },
{ "_id" : ObjectId("5a3b701e9c6805e79345e234"), "name" : "Nila", "age" : 50, "salary" : 15000 },
{ "_id" : ObjectId("5a3b70309c6805e79345e235"), "name" : "Malar", "age" : 61, "salary" : 20000 },
{ "_id" : ObjectId("5a3b70429c6805e79345e236"), "name" : "Ramani", "age" : 65, "salary" : 20000 }
> █
```



## Salary <= 20000/=

```
ukistu11@ukipc11: ~
ukistu11@ukipc11: ~
switched to db person
> db.details.insert([{"name": "Dinesh", age: 20, salary: 10000}, {"name": "Rajesh", age: 40, salary: 35000}])
2017-12-21T13:53:46.696+0530 E QUERY    [thread1] SyntaxError: missing ] in computed property name @($shell):1:57
> db.details.insert({name: "Dines", age: 20, salary: 10000})
WriteResult({ "ninserted" : 1 })
> db.details.insert({name: "Rajesh", age: 40, salary: 35000})
WriteResult({ "ninserted" : 1 })
> db.details.insert({name: "Nila", age: 50, salary: 15000})
WriteResult({ "ninserted" : 1 })
> db.details.insert({name: "Malar", age: 61, salary: 20000})
WriteResult({ "ninserted" : 1 })
> db.details.insert({name: "Ramani", age: 65, salary: 20000})
WriteResult({ "ninserted" : 1 })
> db.details.find()
[ { "_id" : ObjectId("5a3b6e120593a7dbb55e53e1"), "name" : "Ragu", "age" : 18, "salary" : 8000 },
{ "_id" : ObjectId("5a3b6fd9c6805e79345e232"), "name" : "Dines", "age" : 20, "salary" : 10000 },
{ "_id" : ObjectId("5a3b700b9c6805e79345e233"), "name" : "Rajesh", "age" : 40, "salary" : 35000 },
{ "_id" : ObjectId("5a3b701e9c6805e79345e234"), "name" : "Nila", "age" : 50, "salary" : 15000 },
{ "_id" : ObjectId("5a3b70309c6805e79345e235"), "name" : "Malar", "age" : 61, "salary" : 20000 },
{ "_id" : ObjectId("5a3b70429c6805e79345e236"), "name" : "Ramani", "age" : 65, "salary" : 20000 }
> db.details.find("age:{$gt: 50}")
[ { "_id" : ObjectId("5a3b70309c6805e79345e235"), "name" : "Malar", "age" : 61, "salary" : 20000 },
{ "_id" : ObjectId("5a3b70429c6805e79345e236"), "name" : "Ramani", "age" : 65, "salary" : 20000 }
> db.details.find("age:{$lt: 50}")
[ { "_id" : ObjectId("5a3b6e120593a7dbb55e53e1"), "name" : "Ragu", "age" : 18, "salary" : 8000 },
{ "_id" : ObjectId("5a3b6fd9c6805e79345e232"), "name" : "Dines", "age" : 20, "salary" : 10000 },
{ "_id" : ObjectId("5a3b700b9c6805e79345e233"), "name" : "Rajesh", "age" : 40, "salary" : 35000 },
{ "_id" : ObjectId("5a3b701e9c6805e79345e234"), "name" : "Nila", "age" : 50, "salary" : 15000 },
{ "_id" : ObjectId("5a3b70309c6805e79345e235"), "name" : "Malar", "age" : 61, "salary" : 20000 },
{ "_id" : ObjectId("5a3b70429c6805e79345e236"), "name" : "Ramani", "age" : 65, "salary" : 20000 }
> db.details.find("salary:{Seq: 20000}")
[ { "_id" : ObjectId("5a3b70309c6805e79345e235"), "name" : "Malar", "age" : 61, "salary" : 20000 },
{ "_id" : ObjectId("5a3b70429c6805e79345e236"), "name" : "Ramani", "age" : 65, "salary" : 20000 }
> db.details.find("salary:{Slt: 20000}")
[ { "_id" : ObjectId("5a3b6e120593a7dbb55e53e1"), "name" : "Ragu", "age" : 18, "salary" : 8000 },
{ "_id" : ObjectId("5a3b6fd9c6805e79345e232"), "name" : "Dines", "age" : 20, "salary" : 10000 },
{ "_id" : ObjectId("5a3b700b9c6805e79345e233"), "name" : "Rajesh", "age" : 40, "salary" : 35000 },
{ "_id" : ObjectId("5a3b701e9c6805e79345e234"), "name" : "Nila", "age" : 50, "salary" : 15000 },
{ "_id" : ObjectId("5a3b70309c6805e79345e235"), "name" : "Malar", "age" : 61, "salary" : 20000 },
{ "_id" : ObjectId("5a3b70429c6805e79345e236"), "name" : "Ramani", "age" : 65, "salary" : 20000 }
> db.details.find("salary:{$lte: 20000}")
[ { "_id" : ObjectId("5a3b6e120593a7dbb55e53e1"), "name" : "Ragu", "age" : 18, "salary" : 8000 },
{ "_id" : ObjectId("5a3b6fd9c6805e79345e232"), "name" : "Dines", "age" : 20, "salary" : 10000 },
{ "_id" : ObjectId("5a3b700b9c6805e79345e233"), "name" : "Rajesh", "age" : 40, "salary" : 35000 },
{ "_id" : ObjectId("5a3b701e9c6805e79345e234"), "name" : "Nila", "age" : 50, "salary" : 15000 },
{ "_id" : ObjectId("5a3b70309c6805e79345e235"), "name" : "Malar", "age" : 61, "salary" : 20000 },
{ "_id" : ObjectId("5a3b70429c6805e79345e236"), "name" : "Ramani", "age" : 65, "salary" : 20000 }
> █
```



## Salary < 20000/=

```
ukistu11@ukipc11:~                               ukistu11@ukipc11:~                               ukistu11@ukipc11:~
                                         ukistu11@ukipc11:~                                         x
WriteResult({ "nInserted" : 1 })
> db.details.insert({name:"Rajesh", age:40, salary:35000})
WriteResult({ "nInserted" : 1 })
> db.details.insert({name:"Nila", age:50, salary:15000})
WriteResult({ "nInserted" : 1 })
> db.details.insert({name:"Malar", age:61, salary:20000})
WriteResult({ "nInserted" : 1 })
> db.details.insert({name:"Ramani", age:65, salary:20000})
WriteResult({ "nInserted" : 1 })
> db.details.find()
[{"_id": ObjectId("5a3b6e120593a7dbb55e53e1"), "name": "Ragu", "age": 18, "salary": 8000 },
 {"_id": ObjectId("5a3b6fd9ac6805e79345e232"), "name": "Dines", "age": 20, "salary": 10000 },
 {"_id": ObjectId("5a3b700b9c6805e79345e233"), "name": "Rajesh", "age": 40, "salary": 35000 },
 {"_id": ObjectId("5a3b701e9c6805e79345e234"), "name": "Nila", "age": 50, "salary": 15000 },
 {"_id": ObjectId("5a3b70309c6805e79345e235"), "name": "Malar", "age": 61, "salary": 20000 },
 {"_id": ObjectId("5a3b70429c6805e79345e236"), "name": "Ramani", "age": 65, "salary": 20000 }
]
> db.details.find({"age":{$gt: 50}})
[{"_id": ObjectId("5a3b70309c6805e79345e235"), "name": "Malar", "age": 61, "salary": 20000 },
 {"_id": ObjectId("5a3b70429c6805e79345e236"), "name": "Ramani", "age": 65, "salary": 20000 }
]
> db.details.find({"age":{$lt: 50}})
[{"_id": ObjectId("5a3b6e120593a7dbb55e53e1"), "name": "Ragu", "age": 18, "salary": 8000 },
 {"_id": ObjectId("5a3b6fd9ac6805e79345e232"), "name": "Dines", "age": 20, "salary": 10000 },
 {"_id": ObjectId("5a3b700b9c6805e79345e233"), "name": "Rajesh", "age": 40, "salary": 35000 }
]
> db.details.find({"salary":{$eq: 20000}})
[{"_id": ObjectId("5a3b70309c6805e79345e235"), "name": "Malar", "age": 61, "salary": 20000 },
 {"_id": ObjectId("5a3b70429c6805e79345e236"), "name": "Ramani", "age": 65, "salary": 20000 }
]
> db.details.find({"salary":{$lte: 20000}})
[{"_id": ObjectId("5a3b6e120593a7dbb55e53e1"), "name": "Ragu", "age": 18, "salary": 8000 },
 {"_id": ObjectId("5a3b6fd9ac6805e79345e232"), "name": "Dines", "age": 20, "salary": 10000 },
 {"_id": ObjectId("5a3b701e9c6805e79345e234"), "name": "Nila", "age": 50, "salary": 15000 },
 {"_id": ObjectId("5a3b70309c6805e79345e235"), "name": "Malar", "age": 61, "salary": 20000 },
 {"_id": ObjectId("5a3b70429c6805e79345e236"), "name": "Ramani", "age": 65, "salary": 20000 }
]
> db.details.find({ "salary":{$lt: 20000}})
[{"_id": ObjectId("5a3b6e120593a7dbb55e53e1"), "name": "Ragu", "age": 18, "salary": 8000 },
 {"_id": ObjectId("5a3b6fd9ac6805e79345e232"), "name": "Dines", "age": 20, "salary": 10000 },
 {"_id": ObjectId("5a3b701e9c6805e79345e234"), "name": "Nila", "age": 50, "salary": 15000 }
]
```

Salary > 20000/=

```
ukistu11@ukipc11:~                               ukistu11@ukipc11:~                               ukistu11@ukipc11:~          2:00:0.0
WriteResult({ "nInserted" : 1 })
> db.details.insert({name:"Nilu", age:50, salary:15000})
WriteResult({ "nInserted" : 1 })
> db.details.insert({name:"Malar", age:61, salary:20000})
WriteResult({ "nInserted" : 1 })
> db.details.insert({name:"Ramani", age:65, salary:20000})
WriteResult({ "nInserted" : 1 })
> db.details.find()
{ "_id" : ObjectId("5a3b6e120593a7dbb55e53e1"), "name" : "Ragu", "age" : 18, "salary" : 8000 }
{ "_id" : ObjectId("5a3b6fd9ac6805e79345e232"), "name" : "Dines", "age" : 20, "salary" : 10000 }
{ "_id" : ObjectId("5a3b700b9c6805e79345e233"), "name" : "Rajesh", "age" : 40, "salary" : 35000 }
{ "_id" : ObjectId("5a3b701e9c6805e79345e234"), "name" : "Nilu", "age" : 50, "salary" : 15000 }
{ "_id" : ObjectId("5a3b70309c6805e79345e235"), "name" : "Malar", "age" : 61, "salary" : 20000 }
{ "_id" : ObjectId("5a3b70429c6805e79345e236"), "name" : "Ramani", "age" : 65, "salary" : 20000 }
> db.details.find({"age":{$gt: 50}})
{ "_id" : ObjectId("5a3b70309c6805e79345e235"), "name" : "Malar", "age" : 61, "salary" : 20000 }
{ "_id" : ObjectId("5a3b70429c6805e79345e236"), "name" : "Ramani", "age" : 65, "salary" : 20000 }
> db.details.find({"age":{$lt: 50}})
{ "_id" : ObjectId("5a3b6e120593a7dbb55e53e1"), "name" : "Ragu", "age" : 18, "salary" : 8000 }
{ "_id" : ObjectId("5a3b6fd9ac6805e79345e232"), "name" : "Dines", "age" : 20, "salary" : 10000 }
{ "_id" : ObjectId("5a3b700b9c6805e79345e233"), "name" : "Rajesh", "age" : 40, "salary" : 35000 }
> db.details.find({$eq: 20000})
{ "_id" : ObjectId("5a3b70309c6805e79345e235"), "name" : "Malar", "age" : 61, "salary" : 20000 }
{ "_id" : ObjectId("5a3b70429c6805e79345e236"), "name" : "Ramani", "age" : 65, "salary" : 20000 }
> db.details.find({"salary":{$lte: 20000}})
{ "_id" : ObjectId("5a3b6e120593a7dbb55e53e1"), "name" : "Ragu", "age" : 18, "salary" : 8000 }
{ "_id" : ObjectId("5a3b6fd9ac6805e79345e232"), "name" : "Dines", "age" : 20, "salary" : 10000 }
{ "_id" : ObjectId("5a3b701e9c6805e79345e234"), "name" : "Nilu", "age" : 50, "salary" : 15000 }
{ "_id" : ObjectId("5a3b70309c6805e79345e235"), "name" : "Malar", "age" : 61, "salary" : 20000 }
{ "_id" : ObjectId("5a3b70429c6805e79345e236"), "name" : "Ramani", "age" : 65, "salary" : 20000 }
> db.details.find({"salary":{$lt: 20000}})
{ "_id" : ObjectId("5a3b6e120593a7dbb55e53e1"), "name" : "Ragu", "age" : 18, "salary" : 8000 }
{ "_id" : ObjectId("5a3b6fd9ac6805e79345e232"), "name" : "Dines", "age" : 20, "salary" : 10000 }
{ "_id" : ObjectId("5a3b701e9c6805e79345e234"), "name" : "Nilu", "age" : 50, "salary" : 15000 }
> db.details.find({"salary":{$gt: 20000}})
{ "_id" : ObjectId("5a3b700b9c6805e79345e233"), "name" : "Rajesh", "age" : 40, "salary" : 35000 }
```

Age < 50 & Salary > 20000/=

```
ukistu11@ukipc11:~                               ukistu11@ukipc11:~                               ukistu11@ukipc11:~
                                         x                                     x                                     x + [x]
WriteResult({ "nInserted" : 1 })
> db.details.insert({name:"Malar", age:61, salary:20000})
WriteResult({ "nInserted" : 1 })
> db.details.insert({name:"Ramani", age:65, salary:20000})
WriteResult({ "nInserted" : 1 })
> db.details.find()
[{"_id": ObjectId("5a3b6e120593a7dbb55e53e1"), "name": "Ragu", "age": 18, "salary": 8000 },
 {"_id": ObjectId("5a3b6fd9ac6805e79345e232"), "name": "Dines", "age": 20, "salary": 10000 },
 {"_id": ObjectId("5a3b700b9c6805e79345e233"), "name": "Rajesh", "age": 40, "salary": 35000 },
 {"_id": ObjectId("5a3b701e9c6805e79345e234"), "name": "Nila", "age": 50, "salary": 15000 },
 {"_id": ObjectId("5a3b70309c6805e79345e235"), "name": "Malar", "age": 61, "salary": 20000 },
 {"_id": ObjectId("5a3b70429c6805e79345e236"), "name": "Ramani", "age": 65, "salary": 20000 }
> db.details.find({"age":{$gt: 50}})
[{"_id": ObjectId("5a3b70309c6805e79345e235"), "name": "Malar", "age": 61, "salary": 20000 },
 {"_id": ObjectId("5a3b70429c6805e79345e236"), "name": "Ramani", "age": 65, "salary": 20000 }
> db.details.find({"age":{$lt: 50}})
[{"_id": ObjectId("5a3b6e120593a7dbb55e53e1"), "name": "Ragu", "age": 18, "salary": 8000 },
 {"_id": ObjectId("5a3b6fd9ac6805e79345e232"), "name": "Dines", "age": 20, "salary": 10000 },
 {"_id": ObjectId("5a3b700b9c6805e79345e233"), "name": "Rajesh", "age": 40, "salary": 35000 }
> db.details.find({"salary":{$eq: 20000}})
[{"_id": ObjectId("5a3b70309c6805e79345e235"), "name": "Malar", "age": 61, "salary": 20000 },
 {"_id": ObjectId("5a3b70429c6805e79345e236"), "name": "Ramani", "age": 65, "salary": 20000 }
> db.details.find({"salary":{$lte: 20000}})
[{"_id": ObjectId("5a3b6e120593a7dbb55e53e1"), "name": "Ragu", "age": 18, "salary": 8000 },
 {"_id": ObjectId("5a3b6fd9ac6805e79345e232"), "name": "Dines", "age": 20, "salary": 10000 },
 {"_id": ObjectId("5a3b700b9c6805e79345e234"), "name": "Nila", "age": 50, "salary": 15000 },
 {"_id": ObjectId("5a3b70309c6805e79345e235"), "name": "Malar", "age": 61, "salary": 20000 },
 {"_id": ObjectId("5a3b70429c6805e79345e236"), "name": "Ramani", "age": 65, "salary": 20000 }
> db.details.find({"salary":{$lt: 20000}})
[{"_id": ObjectId("5a3b6e120593a7dbb55e53e1"), "name": "Ragu", "age": 18, "salary": 8000 },
 {"_id": ObjectId("5a3b6fd9ac6805e79345e233"), "name": "Dines", "age": 20, "salary": 10000 },
 {"_id": ObjectId("5a3b701e9c6805e79345e234"), "name": "Nila", "age": 50, "salary": 15000 },
 {"_id": ObjectId("5a3b700b9c6805e79345e233"), "name": "Rajesh", "age": 40, "salary": 35000 }
> db.details.find({"age":{$lt: 50}, "salary":{$gt: 20000}})
[{"_id": ObjectId("5a3b700b9c6805e79345e233"), "name": "Rajesh", "age": 40, "salary": 35000 }
> █
```

Age < 50 or Salary > 20000/=

```
ukistu11@ukipc11:~                                         ukistu11@ukipc11:~                                         ukistu11@ukipc11:~\nWriteResult({ "nInserted" : 1 })\n> db.details.insert({name:"Ramani", age:65, salary:20000})\nWriteResult({ "nInserted" : 1 })\n> db.details.find()\n[{"_id" : ObjectId("5a3b6e120593a7dbb55e53e1"), "name" : "Ragu", "age" : 18, "salary" : 8000 },\n {"_id" : ObjectId("5a3b6fd9ac6805e79345e232"), "name" : "Dines", "age" : 20, "salary" : 10000 },\n {"_id" : ObjectId("5a3b700b9c6805e79345e233"), "name" : "Rajesh", "age" : 40, "salary" : 35000 },\n {"_id" : ObjectId("5a3b701e9c6805e79345e234"), "name" : "Nila", "age" : 50, "salary" : 15000 },\n {"_id" : ObjectId("5a3b70309c6805e79345e235"), "name" : "Malar", "age" : 61, "salary" : 20000 },\n {"_id" : ObjectId("5a3b70429c6805e79345e236"), "name" : "Ramani", "age" : 65, "salary" : 20000 }]\n> db.details.find({"age":{$gt: 50}})\n[{"_id" : ObjectId("5a3b70309c6805e79345e235"), "name" : "Malar", "age" : 61, "salary" : 20000 },\n {"_id" : ObjectId("5a3b70429c6805e79345e236"), "name" : "Ramani", "age" : 65, "salary" : 20000 }]\n> db.details.find({"age":{$lt: 50}})\n[{"_id" : ObjectId("5a3b6e120593a7dbb55e53e1"), "name" : "Ragu", "age" : 18, "salary" : 8000 },\n {"_id" : ObjectId("5a3b6fd9ac6805e79345e232"), "name" : "Dines", "age" : 20, "salary" : 10000 },\n {"_id" : ObjectId("5a3b700b9c6805e79345e233"), "name" : "Rajesh", "age" : 40, "salary" : 35000 }]\n> db.details.find({"salary":{$eq: 20000}})\n[{"_id" : ObjectId("5a3b70309c6805e79345e235"), "name" : "Malar", "age" : 61, "salary" : 20000 },\n {"_id" : ObjectId("5a3b70429c6805e79345e236"), "name" : "Ramani", "age" : 65, "salary" : 20000 }]\n> db.details.find({"salary":{$lte: 20000}})\n[{"_id" : ObjectId("5a3b6e120593a7dbb55e53e1"), "name" : "Ragu", "age" : 18, "salary" : 8000 },\n {"_id" : ObjectId("5a3b6fd9ac6805e79345e232"), "name" : "Dines", "age" : 20, "salary" : 10000 },\n {"_id" : ObjectId("5a3b700b9c6805e79345e233"), "name" : "Nila", "age" : 50, "salary" : 15000 },\n {"_id" : ObjectId("5a3b701e9c6805e79345e234"), "name" : "Malar", "age" : 61, "salary" : 20000 },\n {"_id" : ObjectId("5a3b70429c6805e79345e236"), "name" : "Ramani", "age" : 65, "salary" : 20000 }]\n> db.details.find({"salary":{$lt: 20000}})\n[{"_id" : ObjectId("5a3b6e120593a7dbb55e53e1"), "name" : "Ragu", "age" : 18, "salary" : 8000 },\n {"_id" : ObjectId("5a3b6fd9ac6805e79345e232"), "name" : "Dines", "age" : 20, "salary" : 10000 },\n {"_id" : ObjectId("5a3b700b9c6805e79345e233"), "name" : "Nila", "age" : 50, "salary" : 15000 }]\n> db.details.find({"salary":{$gt: 20000}})\n[{"_id" : ObjectId("5a3b700b9c6805e79345e233"), "name" : "Rajesh", "age" : 40, "salary" : 35000 }]\n> db.details.find({"age":{$lt: 50}, "salary":{$gt: 20000}})\n[{"_id" : ObjectId("5a3b700b9c6805e79345e233"), "name" : "Rajesh", "age" : 40, "salary" : 35000 }]\n
```

Age < 20 or Salary >= 10000/

```
ukistu11@ukipc11:~                                     ukistu11@ukipc11:~                                     ukistu11@ukipc11:~  
ukistu11@ukipc11:~                                     x                                     x  
ukistu11@ukipc11:~  
  
{ "_id" : ObjectId("5a3b700b9c6805e79345e233"), "name" : "Rajesh", "age" : 40, "salary" : 35000 }  
> db.details.find({"salary":{$eq: 20000}})  
{ "_id" : ObjectId("5a3b7039c6805e79345e235"), "name" : "Malar", "age" : 61, "salary" : 20000 }  
{ "_id" : ObjectId("5a3b70429c6805e79345e236"), "name" : "Ramani", "age" : 65, "salary" : 20000 }  
> db.details.find({"salary":{$lt: 20000}})  
{ "_id" : ObjectId("5a3b6e120593a7dbb55e53e1"), "name" : "Ragu", "age" : 18, "salary" : 8000 }  
{ "_id" : ObjectId("5a3b6fd9c6805e79345e232"), "name" : "Dines", "age" : 20, "salary" : 10000 }  
{ "_id" : ObjectId("5a3b701e9c6805e79345e234"), "name" : "Nila", "age" : 50, "salary" : 15000 }  
{ "_id" : ObjectId("5a3b7039c6805e79345e235"), "name" : "Malar", "age" : 61, "salary" : 20000 }  
{ "_id" : ObjectId("5a3b70429c6805e79345e236"), "name" : "Ramani", "age" : 65, "salary" : 20000 }  
> db.details.find({"salary":{$lt: 20000}})  
{ "_id" : ObjectId("5a3b6e120593a7dbb55e53e1"), "name" : "Ragu", "age" : 18, "salary" : 8000 }  
{ "_id" : ObjectId("5a3b6fd9c6805e79345e232"), "name" : "Dines", "age" : 20, "salary" : 10000 }  
{ "_id" : ObjectId("5a3b701e9c6805e79345e234"), "name" : "Nila", "age" : 50, "salary" : 15000 }  
> db.details.find({"salary":{$gt: 20000}})  
{ "_id" : ObjectId("5a3b700b9c6805e79345e233"), "name" : "Rajesh", "age" : 40, "salary" : 35000 }  
> db.details.find({"age":{$lt: 50}, "salary":{$gt: 20000}})  
{ "_id" : ObjectId("5a3b700b9c6805e79345e233"), "name" : "Rajesh", "age" : 40, "salary" : 35000 }  
> db.details.find({$or:[{"age":{$lt: 50}, "salary":{$gt: 20000}}]})  
{ "_id" : ObjectId("5a3b700b9c6805e79345e233"), "name" : "Rajesh", "age" : 40, "salary" : 35000 }  
> db.details.find({$or:[{"age":{$lt: 20}, "salary":{$gt: 10000}}]})  
> db.details.find()  
{ "_id" : ObjectId("5a3b6e120593a7dbb55e53e1"), "name" : "Ragu", "age" : 18, "salary" : 8000 }  
{ "_id" : ObjectId("5a3b6fd9c6805e79345e232"), "name" : "Dines", "age" : 20, "salary" : 10000 }  
{ "_id" : ObjectId("5a3b700b9c6805e79345e233"), "name" : "Rajesh", "age" : 40, "salary" : 35000 }  
{ "_id" : ObjectId("5a3b701e9c6805e79345e234"), "name" : "Nila", "age" : 50, "salary" : 15000 }  
{ "_id" : ObjectId("5a3b7039c6805e79345e235"), "name" : "Malar", "age" : 61, "salary" : 20000 }  
{ "_id" : ObjectId("5a3b70429c6805e79345e236"), "name" : "Ramani", "age" : 65, "salary" : 20000 }  
> db.details.find({$or:[{"age":{$lt: 20}, "salary":{$gt: 10000}}]})  
{ "_id" : ObjectId("5a3b6e120593a7dbb55e53e1"), "name" : "Ragu", "age" : 18, "salary" : 8000 }  
{ "_id" : ObjectId("5a3b6fd9c6805e79345e232"), "name" : "Dines", "age" : 20, "salary" : 10000 }  
{ "_id" : ObjectId("5a3b701e9c6805e79345e233"), "name" : "Rajesh", "age" : 40, "salary" : 35000 }  
{ "_id" : ObjectId("5a3b7039c6805e79345e234"), "name" : "Nila", "age" : 50, "salary" : 15000 }  
{ "_id" : ObjectId("5a3b70429c6805e79345e235"), "name" : "Malar", "age" : 61, "salary" : 20000 }  
{ "_id" : ObjectId("5a3b70429c6805e79345e236"), "name" : "Ramani", "age" : 65, "salary" : 20000 }  
>
```

Age < = 20 and Salary >= 10000/=