

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

```
> use person
switched to db person
> 
```

```
> db.createCollection("details")
{ "ok" : 1 }
> show dbs
```

1. Age > 50

```
> db.details.find({'Age':{$gt:50}})
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a43"), "Name" : "Malar", "Age" : 61, "Salary" : 20000 }
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a44"), "Name" : "Ramani", "Age" : 65, "Salary" : 20000 }
> 
```

2. Age < 50

```
> db.details.find({'Age':{$lt:50}})
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a3f"), "Name" : "Ragu", "Age" : 18, "Salary" : 8000 }
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a40"), "Name" : "Dinesh", "Age" : 20, "Salary" : 10000 }
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a41"), "Name" : "Rajesh", "Age" : 40, "Salary" : 35000 }
> 
```

3. Salary=20000/=

```
> db.details.find({'Salary':20000})
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a43"), "Name" : "Malar", "Age" : 61, "Salary" : 20000 }
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a44"), "Name" : "Ramani", "Age" : 65, "Salary" : 20000 }
> 
```

4. Salary <= 20000/=

```
> db.details.find({'Salary':{$lte:20000}})
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a3f"), "Name" : "Ragu", "Age" : 18, "Salary" : 8000 }
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a40"), "Name" : "Dinesh", "Age" : 20, "Salary" : 10000 }
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a42"), "Name" : "Nila", "Age" : 50, "Salary" : 15000 }
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a43"), "Name" : "Malar", "Age" : 61, "Salary" : 20000 }
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a44"), "Name" : "Ramani", "Age" : 65, "Salary" : 20000 }
> 
```

5. Salary < 20000/=

```
> db.details.find({'Salary':{'$lt:20000}})
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a3f"), "Name" : "Ragu", "Age" : 18, "Salary" : 8000 }
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a40"), "Name" : "Dinesh", "Age" : 20, "Salary" : 10000 }
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a42"), "Name" : "Nila", "Age" : 50, "Salary" : 15000 }
>
```

6. Salary > 20000/=

```
> db.details.find({'Salary':{'$gt:20000}})
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a41"), "Name" : "Rajesh", "Age" : 40, "Salary" : 35000 }
>
```

7. Age < 50 & Salary > 20000/=

```
> db.details.find({'$and':[{'Age':{'$lt:50}},{'Salary':{'$gt:20000}}]})
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a41"), "Name" : "Rajesh", "Age" : 40, "Salary" : 35000 }
>
```

8. Age < 50 or Salary > 20000/=

```
> db.details.find({'$or':[{'Age':{'$lt:50}},{'Salary':{'$gt:20000}}]})
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a3f"), "Name" : "Ragu", "Age" : 18, "Salary" : 8000 }
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a40"), "Name" : "Dinesh", "Age" : 20, "Salary" : 10000 }
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a41"), "Name" : "Rajesh", "Age" : 40, "Salary" : 35000 }
>
```

9. Age < 50 or Salary >= 10000/=

```
> db.details.find({'$or':[{'Age':{'$lt:50}},{'Salary':{'$gte:10000}}]})
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a3f"), "Name" : "Ragu", "Age" : 18, "Salary" : 8000 }
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a40"), "Name" : "Dinesh", "Age" : 20, "Salary" : 10000 }
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a41"), "Name" : "Rajesh", "Age" : 40, "Salary" : 35000 }
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a42"), "Name" : "Nila", "Age" : 50, "Salary" : 15000 }
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a43"), "Name" : "Malar", "Age" : 61, "Salary" : 20000 }
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a44"), "Name" : "Ramani", "Age" : 65, "Salary" : 20000 }
>
```

10. Age <= 20 and Salary >= 10000/=

```
> db.details.find({'$and':[{'Age':{'$lte:20}},{'Salary':{'$gte:10000}}]})
{ "_id" : ObjectId("5b3de4f61127e6c055ef8a40"), "Name" : "Dinesh", "Age" : 20, "Salary" : 10000 }
>
```