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

```
> use person
                                   switched to db person
                                       db.createCollection("details")
                  1. Age > 50
db.details.find({'Age':{$gt:50}})
"_id" : ObjectId("5b3de4f61127e6c055ef8a43"),
                                                                                        "Malar",
"Ramani"
                                                                          "Name"
                                                                                                       "Age" : 61,
                                                                                                                           "Salary" : 20000 }
          : ObjectId("5b3de4f61127e6c055ef8a44"),
                                                                                                        "Age" : 65,
                                                                                                                           "Salary" : 20000 }
                                                                          "Name"
                  2. Age < 50
 db.details.find({'Age':{$lt:50}})
"_id" : ObjectId("5b3de4f61127e6c055ef8a3f"), "Name" :
"_id" : ObjectId("5b3de4f61127e6c055ef8a40"), "Name" :
"_id" : ObjectId("5b3de4f61127e6c055ef8a41"), "Name" :
                                                                                        "Ragu", "A
                                                                                                   "Age" : 18, "Salary" : 8000 }
", "Age" : 20, "Salary" : 10000
                                                                                                        "Age": 40,
                                                                                                                         "Salary" : 35000 }
                                                                                    : "Rajesh",
                  3. Salary = 20000/=
db.details.find({'Salary':20000})
"_id" : ObjectId("5b3de4f61127e6c055ef8a43"), "Name" : "Malar", "Age" : 61, "Salary" : 20000 }
<u>"</u>id" : ObjectId("5b3de4f61127e6c055ef8a44"), "Name" : "Ramani", "Age" : 65, "Salary" : 20000
                                                                                                     "Age" : 65, "Salary" : 20000 }
```

```
4. Salary < = 20000/=
```

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

5. Salary < 20000/=

```
db.details.find({'Salary':{$lt:20000}})
"_id" : ObjectId("5b3de4f61127e6c055ef8a3f"),
"_id" : ObjectId("5b3de4f61127e6c055ef8a40"),
"_id" : ObjectId("5b3de4f61127e6c055ef8a42"),
                                                                                  "Age" : 18,
                                                                        "Ragu" ,
                                                                                    "Age" : 20, "Salary" : 10000 }
Age" : 50, "Salary" : 15000 }
                                                           "Name"
                                                                       "Dinesh"
                                                                                 "Age" : 50,
                                                           "Name"
                                                                       "Nila",
                6. Salary > 20000/=
 db.details.find({'Salary':{$gt:20000}})
__id" : ObjectId("5b3de4f61127e6c055ef8a41"), "Name" : "Rajesh", "Age" : 40, "Salary" : 35000 }
                7. Age < 50 \& Salary > 20000/=
"Age" : 40, "Salary" : 35000 }
                8. Age < 50 or Salary > 20000/=
  db.details.find({$or:[{'Age':{$lt:50}},{'Salary':{$gt:20000}}]})
    _id" : ObjectId("5b3de4f61127e6c055ef8a3f"),
_id" : ObjectId("5b3de4f61127e6c055ef8a40"),
                                                                                    "Age" : 18,
                                                                         "Ragu", "A
"Dinesh",
                                                                         "Ragu'
                                                                                                  "Salary" : 8000 }
                                                              "Name"
                                                             "Name"
                                                                                      "Age" : 20, "Salary" : 10000
                                                                                      "Age" : 40,
    id" : ObjectId("5b3de4f61127e6c055ef8a41"), "Name"
                                                                       : "Rajesh",
                                                                                                     "Salary" : 35000 }
                9. Age < 50 or Salary >= 10000/=
```

```
db.details.find({$or:[{'Age':{$lt:50}},{'Salar
"_id" : ObjectId("5b3de4f61127e6c055ef8a3f"),
"_id" : ObjectId("5b3de4f61127e6c055ef8a40"),
"_id" : ObjectId("5b3de4f61127e6c055ef8a41"),
"_id" : ObjectId("5b3de4f61127e6c055ef8a42"),
"_id" : ObjectId("5b3de4f61127e6c055ef8a43"),
"_id" : ObjectId("5b3de4f61127e6c055ef8a43"),
"_id" : ObjectId("5b3de4f61127e6c055ef8a44"),
                                                                                                                                                        /':{$gte
'Name" :
                                                                                                                                                                                                                                                                                       8000
                                                                                                                                                      "Name"
                                                                                                                                                                                                                                                                                        : 10000
                                                                                                                                                      "Name"
                                                                                                                                                                                                                                                         "Salary
                                                                                                                                                                                                                                                                                             35000
                                                                                                                                                      "Name"
                                                                                                                                                                                                                                                                                : 15000 }
                                                                                                                                                                                                                                                     "Salary"
                                                                                                                                                     "Name"
                                                                                                                                                                                    "Malar
                                                                                                                                                                                                                                                                                   : 20000 }
                                                                                                                                                                                                                                   : 61,
                                                                                                                                                                                                                                                                                       : 20000
```

```
10.Age < = 20 \text{ and } Salary >= 10000/=
```

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