

## 1. find() and limit() Combination

*db.employee.find().limit(2).pretty();*

```
> db.employee.find().limit(2).pretty();
{
  "_id" : ObjectId("61444239b3776d89fe51ccaf"),
  "first_name" : "Alan",
  "last_name" : "Snappy",
  "emp_id" : 101,
  "city" : "Mumbai",
  "age" : 37
}
{
  "_id" : ObjectId("61444249b3776d89fe51ccb0"),
  "first_name" : "Maria",
  "last_name" : "Foster",
  "emp_id" : 102,
  "city" : "Delhi",
  "age" : 24
}
>
```

## 2. Greater than, Less than

*db.employee.find({age:{\$gt:35}}).pretty();*

```
> db.employee.find({age:{$gt:35}}).pretty();
{
  "_id" : ObjectId("61444239b3776d89fe51ccaf"),
  "first_name" : "Alan",
  "last_name" : "Snappy",
  "emp_id" : 101,
  "city" : "Mumbai",
  "age" : 37
}
{
  "_id" : ObjectId("614442a3b3776d89fe51ccb5"),
  "first_name" : "George",
  "last_name" : "Mardy",
  "emp_id" : 107,
  "city" : "Mumbai",
  "age" : 43
}
>
```

*db.employee.find({age:{\$lt:30}}).pretty();*

```
> db.employee.find({age:{$lt:30}}).pretty();
{
  "_id" : ObjectId("61444249b3776d89fe51ccb0"),
  "first_name" : "Maria",
  "last_name" : "Foster",
  "emp_id" : 102,
  "city" : "Delhi",
  "age" : 24
}
{
  "_id" : ObjectId("6144426ab3776d89fe51ccb2"),
  "first_name" : "Eric",
  "last_name" : "Dosio",
  "emp_id" : 104,
  "city" : "Chennai",
  "age" : 29
}
>
```

*db.employee.find({age:{\$gte:35}}).pretty();*

```
> db.employee.find({age:{$gte:35}}).pretty();
{
  "_id" : ObjectId("61444239b3776d89fe51ccaf"),
  "first_name" : "Alan",
  "last_name" : "Snappy",
  "emp_id" : 101,
  "city" : "Mumbai",
  "age" : 37
}
{
  "_id" : ObjectId("61444280b3776d89fe51ccb3"),
  "first_name" : "Joseph",
  "last_name" : "Danny",
  "emp_id" : 105,
  "city" : "Noida",
  "age" : 35
}
{
  "_id" : ObjectId("614442a3b3776d89fe51ccb5"),
  "first_name" : "George",
  "last_name" : "Mardy",
  "emp_id" : 107,
  "city" : "Mumbai",
  "age" : 43
}
>
```

*db.employee.find({age:{\$lte:31}}).pretty();*

```

> db.employee.find({age:{$lte:31}}).pretty();
{
  "_id" : ObjectId("61444249b3776d89fe51ccb0"),
  "first_name" : "Maria",
  "last_name" : "Foster",
  "emp_id" : 102,
  "city" : "Delhi",
  "age" : 24
}
{
  "_id" : ObjectId("61444259b3776d89fe51ccb1"),
  "first_name" : "Michale",
  "last_name" : "Robbin",
  "emp_id" : 103,
  "city" : "Pune",
  "age" : 31
}
{
  "_id" : ObjectId("6144426ab3776d89fe51ccb2"),
  "first_name" : "Eric",
  "last_name" : "Dosio",
  "emp_id" : 104,
  "city" : "Chennai",
  "age" : 29
}
>

```

```

db.employee.find({age:{$ne:31}}).pretty();

```

```

> db.employee.find({age:{$ne:31}}).pretty();
{
  "_id" : ObjectId("61444239b3776d89fe51ccaf"),
  "first_name" : "Alan",
  "last_name" : "Snappy",
  "emp_id" : 101,
  "city" : "Mumbai",
  "age" : 37
}
{
  "_id" : ObjectId("61444249b3776d89fe51ccb0"),
  "first_name" : "Maria",
  "last_name" : "Foster",
  "emp_id" : 102,
  "city" : "Delhi",
  "age" : 24
}
{
  "_id" : ObjectId("6144426ab3776d89fe51ccb2"),
  "first_name" : "Eric",
  "last_name" : "Dosio",
  "emp_id" : 104,
  "city" : "Chennai",
  "age" : 29
}

```

```

{
  "_id" : ObjectId("61444280b3776d89fe51ccb3"),
  "first_name" : "Joseph",
  "last_name" : "Danny",
  "emp_id" : 105,
  "city" : "Noida",
  "age" : 35
}
{
  "_id" : ObjectId("61444290b3776d89fe51ccb4"),
  "first_name" : "Alex",
  "last_name" : "Immanuel",
  "emp_id" : 106,
  "city" : "Calicut",
  "age" : 34
}
{
  "_id" : ObjectId("614442a3b3776d89fe51ccb5"),
  "first_name" : "George",
  "last_name" : "Mardy",
  "emp_id" : 107,
  "city" : "Mumbai",
  "age" : 43
}
>

```

**Count() returns:**

*db.employee.find().count();*

```
> db.employee.find().count();  
7  
>
```

**Upsert:true in Update Statement:**

*db.employee.update({first\_name:"Mohit"},{first\_name:"Mohit",  
last\_name:"Sharma",emp\_id:108, city:"Coimbatore", age:36},{upsert:true});*