

Creating Database  
use databaseName

-----  
Creating Collection  
db.createCollection("collectionName")

db.collectionName.isCapped()

db.employee.find()

```
[
  {
    _id: ObjectId("67c57432bce5cb47ca69a583"),
    name: 'A',
    skill: 'Java',
    salary: 90000,
    gender: 'male'
  },
  {
    _id: ObjectId("67c57432bce5cb47ca69a584"),
    name: 'D',
    skill: 'Reactjs',
    salary: 120000,
    gender: 'female'
  },
  {
    _id: ObjectId("67c57432bce5cb47ca69a585"),
    name: 'C',
    skill: 'Angular',
    salary: 75000,
    gender: 'male'
  },
  {
    _id: ObjectId("67c57432bce5cb47ca69a586"),
    name: 'B',
    skill: 'Android',
    salary: 150000,
    gender: 'male'
  }
]
```

```

    },
    {
      _id: ObjectId("67c57432bce5cb47ca69a587"),
      name: 'E',
      skill: 'Javascript',
      salary: 95000,
      gender: 'male'
    },
    {
      _id: ObjectId("67c57432bce5cb47ca69a588"),
      name: 'F',
      skill: 'CSS',
      salary: 93000,
      gender: 'female'
    }
  ]

```

---

```

// select * from employee
db.employee.find();

```

```

// select * from employee where skill = 'Java'
db.employee.find({gender: 'male'});

```

```

// select * from employee where salary >=70000
$gt, $lt, $gte, $lte, $eq, $ne,
$and, $or

```

```

db.employee.find({salary: {$gte: 90000}})

```

```

// select * from employee where salary >=90000 and salary <= 120000
// select * from employee where salary between 90000 and 120000

```

```

db.employee.find({
  $and:[{salary:{$gte:90000}},{salary:{$lte:120000}}]
})

```

```

db.employee.find({

```

```
$or:[{skill: 'Java'},{skill: "ReactJs"}]
})
```

---

```
db.employee.find({salary: 90000})
db.employee.find({salary: {$eq:90000}})
db.employee.find({salary: {$ne:90000}})
```

---

```
// select id,name,skill from employee
db.employee.find({}, {name:1,salary:1,skill:1,_id:0});
db.employee.find({}, {_id:0,gender:0})
```

```
db.employee.find({}, {_id:0,gender:0}).sort({salary: -1}).limit(1)
```

```
db.employee.find({}, {_id:0,gender:0}).sort({salary: -1}).toArray()[0].salary
-->150000
```

```
db.employee.find({
  salary: db.employee.find({}, {_id:0,gender:0}).sort({salary: -1}).toArray()[0].salary
});
```

```
db.employee.find({
  salary:{$lt:db.employee.find({}, {_id:0,gender:0}).sort({salary:
-1}).toArray()[0].salary}
}).sort({salary:-1}).toArray()[0].salary
```

```
db.employee.find({
  salary: db.employee.find({
    salary:{$lt:db.employee.find({}, {_id:0,gender:0}).sort({salary:
-1}).toArray()[0].salary}
  }).sort({salary:-1}).toArray()[0].salary
})
```

```
db.employee.find({
  salary: {$lt: db.employee.find({
```

```

    salary:{$lt:db.employee.find({},{_id:0,gender:0}).sort({salary:
-1}).toArray()[0].salary}
    }).sort({salary:-1}).toArray()[0].salary
  }
}).sort({salary:-1}).toArray()[0].salary

```

```

db.employee.find({
  salary: db.employee.find({
    salary: {$lt: db.employee.find({
      salary:{$lt:db.employee.find({},{_id:0,gender:0}).sort({salary:
-1}).toArray()[0].salary}
    }).sort({salary:-1}).toArray()[0].salary
  }
}).sort({salary:-1}).toArray()[0].salary
})

```

---

```

db.employee.find().sort({salary:-1}).limit(3)

```

---

```

db.employee.find({position:{$regex:"^[a]", $options:"i"}})

```

```

db.collection.find( { skill: { $regex: /^Java/i } } )

```

```

db.employee.update(
  {salary:{$gte:90000}},
  {$set: {skill: "Java"}},
  {multi: true}
);

```

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```

db.employee.updateMany(
  {skill: "Java"},
  {$unset: {location: 1}}
)

```

```

db.products.updateOne({
  _id: ObjectId("67c6cc10bce5cb47ca69a58b")

```

```
},{$pull:{reviews:{reviewerName:"Scarlett Wright"}}})
```

