

```

const { MongoClient } = require('mongodb');

// Connection URL
const url = 'mongodb://localhost:27017';
const client = new MongoClient(url);

const dbName = 'testingCompass';

client.connect().then(res=>{
  console.log('Connected successfully to server');
  const db = client.db(dbName);
  const collection = db.collection('users');
  collection.find({}, {projection : {"first_name": 1, "_id":
0}}).toArray().then(res=>{
    console.log(res);
  })
})

```

[nodemon] watching extensions: js,mjs,cjs,json

[nodemon] starting `node app.js`

Connected successfully to server

```

[
  { first_name: 'Winifred' },
  { first_name: 'Gisella' },
  { first_name: 'Brittni' },
  { first_name: 'Shawna' },
  { first_name: 'Gill' },
  { first_name: 'Selestina' },
  { first_name: 'Magdalen' },
  { first_name: 'Prent' },
  { first_name: 'Fraser' },
  { first_name: 'Irvin' },
  { first_name: 'Brand' },
  { first_name: 'Aldo' },
  { first_name: 'Nikolai' },
  { first_name: 'Arny' },

```

```
{ first_name: 'Joice' },  
{ first_name: 'Eddi' },  
{ first_name: 'Sigismundo' },  
{ first_name: 'Jethro' },  
{ first_name: 'Delores' }  
]
```

```
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const dbName = 'testingCompass';  
  
client.connect().then(res=>{  
  console.log('Connected successfully to server');  
  const db = client.db(dbName);  
  const collection = db.collection('users');  
  // collection.find({}).toArray().then(res=>{  
  //   console.log(res);  
  // })  
  const condititon = {  
    age : {  
      $gte : 20  
    },  
    salary : {  
      $gt : 2000  
    }  
  }  
  
  collection.find(condititon).toArray().then(res=> console.log(res))  
})
```

[nodemon] starting `node app.js`

Connected successfully to server

```
[  
  {  
    _id: new ObjectId('67177efb04a0055ddc9d09a2'),  
    first_name: 'Winifred',  
    email: 'whain0@apple.com',
```

```
gender: 'Male',
ip_address: '125.102.178.104',
salary: 2500,
age: 21
},
{
  _id: new ObjectId('67177efb04a0055ddc9d09a4'),
  first_name: 'Brittni',
  email: 'bcaverhill2@shop-pro.jp',
  gender: 'Female',
  ip_address: '0.73.93.177',
  salary: 3000,
  age: 21
},
{
  _id: new ObjectId('67177efb04a0055ddc9d09b3'),
  first_name: 'Jethro',
  email: 'jpriceh@msn.com',
  gender: 'Male',
  ip_address: '249.207.161.184',
  salary: 4000,
  age: 21
}
```

```
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```

const db = client.db(dbName);
const collection = db.collection('users');
// collection.find({}).toArray().then(res=>{
//     console.log(res);
// })
// const conditton = {
//     age : {
//         $gte : 20
//     },
//     salary : {
//         $gt : 2000
//     }
// }

// collection.find(conditton).toArray().then(res=> console.log(res))
collection.findOne({first_name : "Brittni"}).then(res=>console.log(res))
})

```

[nodemon] starting `node app.js`

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```

{
  _id: new ObjectId('67177efb04a0055ddc9d09a4'),
  first_name: 'Brittni',
  email: 'bcaverhill2@shop-pro.jp',
  gender: 'Female',
  ip_address: '0.73.93.177',
  salary: 3000,
  age: 21
}

```

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const db = client.db(dbName);
const collection = db.collection('users');
// collection.find({}).toArray().then(res=>{
//     console.log(res);
// })
// const conditton = {
//     age : {
//         $gte : 20
//     },
//     salary : {
//         $gt : 2000
//     }
// }

// collection.find(conditton).toArray().then(res=> console.log(res))
// collection.findOne({first_name :
"Brittini"}).then(res=>console.log(res))
const userObj = {
    first_name : 'Alan',
    email : "alan@gmail.com",
    ip_address: "122.73.93.177",
    salary: 2800,
    age : 22
}
collection.insertOne(userObj).then(res=> console.log(res))
})

```

Connected successfully to server

```

{
  acknowledged: true,
  insertedId: new ObjectId('6735db84a82170d420cd32a5')
}

```

```

}

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    const db = client.db(dbName);
    const collection = db.collection('users');

```

```

// collection.find({}).toArray().then(res=>{
//     console.log(res);
// })
// const conditon = {
//     age : {
//         $gte : 20
//     },
//     salary : {
//         $gt : 2000
//     }
// }

// collection.find(conditon).toArray().then(res=> console.log(res))
// collection.findOne({first_name :
"Brittni"}).then(res=>console.log(res))
// const userObj = {
//     first_name : 'Alan',
//     email : "alan@gmail.com",
//     ip_address: "122.73.93.177",
//     salary: 2800,
//     age : 22
// }
// collection.insertOne(userObj).then(res=> console.log(res))
const usersObj = [{
    first_name : 'milan',
    email : "milan@gmail.com",
    ip_address: "122.73.943.177",
    salary: 2500,
    age : 25
},{
    first_name : 'amal',
    email : "amal@gmail.com",
    ip_address: "122.73.943.177",
    salary: 2500,
    age : 24
}
]

collection.insertMany(usersObj).then(res=>console.log(res))
})

```

Connected successfully to server

```

{
  acknowledged: true,

```

```
insertedCount: 2,  
insertedIds: {  
  '0': new ObjectId('6735dcd0fa728a1682193b3f'),  
  '1': new ObjectId('6735dcd0fa728a1682193b40')  
}
```

```
}  
  
const { MongoClient } = require('mongodb');  
  
// Connection URL  
const url = 'mongodb://localhost:27017';  
const client = new MongoClient(url);  
  
const dbName = 'testingCompass';  
  
client.connect().then(res=>{  
  console.log('Connected successfully to server');  
  const db = client.db(dbName);  
  const collection = db.collection('users');  
  
  collection.updateOne({first_name: 'amal'},{$set: {age: 30}}).then(RES=>{  
    console.log(RES);  
  })  
})  
})
```

[nodemon] starting `node app.js`

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```
{  
  acknowledged: true,  
  modifiedCount: 1,  
  upsertedId: null,  
  upsertedCount: 0,  
  matchedCount: 1  
}
```

```
collection.updateMany({},{$set: {active: 30}}).then(RES=>{
  console.log(RES);
})
```

[nodemon] starting `node app.js`

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```
{
  acknowledged: true,
  modifiedCount: 22,
  upsertedId: null,
  upsertedCount: 0,
  matchedCount: 22
}
```

```
const { MongoClient, ObjectId } = require('mongodb');

collection.updateOne({_id: new ObjectId("6735dcd0fa728a1682193b40")},{$set :
{
  first_name: "Amal"
}}).then(res=>{
  console.log(res);
})
```

[nodemon] starting `node app.js`

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```
{
  acknowledged: true,
  modifiedCount: 1,
  upsertedId: null,
  upsertedCount: 0,
  matchedCount: 1
}
```



```
const { MongoClient, ObjectId } = require('mongodb');

collection.deleteOne({_id: new
ObjectId("6735dcd0fa728a1682193b40")}).then(res=>{
  console.log(res);
})
```

[nodemon] starting `node app.js`

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```
{ acknowledged: true, deletedCount: 1 }
```

```
collection.deleteMany({age: {$gte : 21}}).then(res=>{
  console.log(res);
})
```

[nodemon] starting `node app.js`

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```
{ acknowledged: true, deletedCount: 3 }
```