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```
myDatabase> db.users.insertOne({name:"BhanuPriya"},{email:"nbhanupriya2122@gmail.com",age:20})  
//insertOne is used to insert documents into our collections  
  
{  
  
  acknowledged: true,  
  
  insertedId: ObjectId('65faeb755dc995cbc9d14a0e ')  
}
```

To retrieve all users collection

```
myDatabase> db.users.find() //retrives all documents present in our collection  
  
_id: ObjectId('65faeb755dc995cbc9d14a0e'),  
name: 'Bhanupriya',  
email: 'nbhanupriya2122@gmail.com',  
age: '20'  
},  
  
{  
  
  _id: ObjectId('65faec685dc995cbc9d14a0f'),  
  name: 'Mani',  
  email: '123@gmail.com',  
  age: '15'
```

```
},
{
  _id: ObjectId('65faec865dc995cbc9d14a10'),
  name: 'Prem',
  email: '12345@gmail.com',
  age: '24'
},
{
  _id: ObjectId('65faec9c5dc995cbc9d14a11'),
  name: 'Hari',
  email: '1234@gmail.com',
  age: '22'
},
{ _id: ObjectId('65fbd6282cd6e3b902d14a0e'), name: 'lasya' }
```

Update operation

```
myDatabase> db.users.updateOne({name:'Hari'},{$set:{age:23}})

{
  //updateOne is used to update single document in the collection
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
```

Users greater than 20

```
myDatabase> db.users.find({age:{$gt:20}})
```

// \$gt used to retrieve documents greater than our specified value

```
[
  {
    _id: ObjectId('65faec9c5dc995cbc9d14a11'),
    name: 'Hari',
    email: '1234@gmail.com',
    age: 23
  }
]
```

Delete a document

```
myDatabase> db.users.deleteOne({name:"kalyan"})
```

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

// deleteOne is used to delete single document in our collection

```
myDatabase> db.users.find()
```

```
[
  {
    _id: ObjectId('65faeb755dc995cbc9d14a0e'),
    name: 'Bhanupriya',
    email: 'nbhanupriya2122@gmail.com',
    age: '20'
  },
  {
```

```
_id: ObjectId('65faec685dc995cbc9d14a0f'),
name: 'Mani',
email: '123@gmail.com',
age: '15'
},
{
  _id: ObjectId('65faec865dc995cbc9d14a10'),
  name: 'Prem',
  email: '12345@gmail.com',
  age: '24'
},
{
  _id: ObjectId('65faec9c5dc995cbc9d14a11'),
  name: 'Hari',
  email: '1234@gmail.com',
  age: 23
},
{ _id: ObjectId('65fbd6282cd6e3b902d14a0e'), name: 'lasya' }
```

Index creation

```
myDatabase> db.users.createIndex({email:1})
email_1
myDatabase> db.users.createIndex({email_1:1},{unique:true})
```

