

Using MongoDB Compass (GUI):-

1. Open Compass and connect to `mongodb://localhost:27017`

Run MongoDB

MongoDB runs as a **Windows service** by default.

- To start the service:

```
net start MongoDB
```

as shown below.

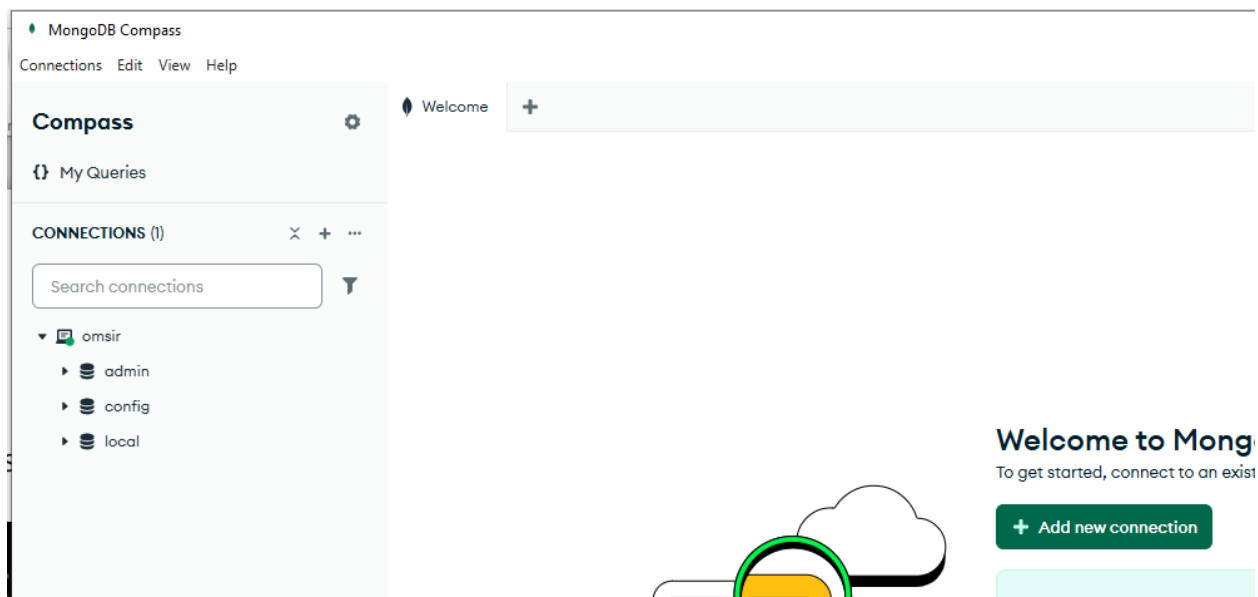
```
C:\WINDOWS\system32>net start MongoDB
```

```
C:\WINDOWS\system32>net start MongoDB
The MongoDB Server (MongoDB) service is starting....
The MongoDB Server (MongoDB) service was started successfully.
```

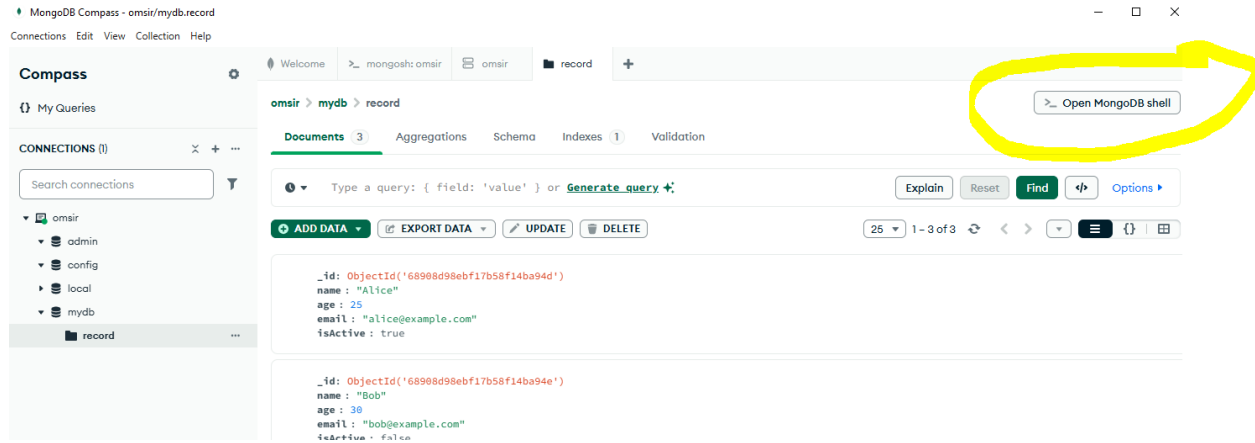
- To stop it:

```
net stop MongoDB
```

Open mongo db compass & click on add new connection and enter your connection name as omsir and click on connect :-



And open MongoDB shell :-



The screenshot shows the MongoDB Compass interface. The top navigation bar includes 'Welcome', 'mongosh: omsir', and 'record'. A yellow circle highlights the 'Open MongoDB shell' button in the top right corner. The main content area displays the 'Documents' tab for the 'record' collection, showing two documents with fields like '_id', 'name', 'age', 'email', and 'isActive'.

MongoDB Compass - omsir/mydb.record

Connections Edit View Collection Help

Compass

My Queries

CONNECTIONS (1)

Search connections

omsir

- admin
- config
- local
- mydb
- record

omsir > mydb > record

Documents (3) Aggregations Schema Indexes (1) Validation

Type a query: { field: 'value' } or [Generate query](#)

EXPLAIN Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE 25 1-3 of 3

```
_id: ObjectId('68908d98ebf17b58f14ba94d')
name: "Alice"
age: 25
email: "alice@example.com"
isActive: true

_id: ObjectId('68908d98ebf17b58f14ba94e')
name: "Bob"
age: 30
email: "bob@example.com"
isActive: false
```

Then use Mongo Db Shell:-

```
>_MONGOSH
> use mydb
< switched to db mydb
> db["record"].find()
< {
  _id: ObjectId('68908d98ebf17b58f14ba94d'),
  name: 'Alice',
  age: 25,
  email: 'alice@example.com',
  isActive: true
}
{
  _id: ObjectId('68908d98ebf17b58f14ba94e'),
  name: 'Bob',
  age: 30,
  email: 'bob@example.com',
  isActive: false
}
{
  _id: ObjectId('68908d98ebf17b58f14ba94f'),
  name: 'Carol',
  age: 27,
  email: 'carol@example.com',
  isActive: true
}
```

And Now filter to find your data by name in your record Collection:-

```
db.record.find({ name: "Alice" })
```

```
> db.record.find({ name: "Alice" })
< {
  _id: ObjectId('68908d98ebf17b58f14ba94d'),
  name: 'Alice',
  age: 25,
  email: 'alice@example.com',
  isActive: true
}
```

And how to insert new row in your record collections:-

```
db.record.insertOne({
  name: "Om",
  age: 25,
  email: "alice@example.com",
  isActive: true
})
```

As shown below example:-

```
> db.record.insertOne({
  name: "Om",
  age: 25,
  email: "alice@example.com",
  isActive: true
})
< {
  acknowledged: true,
  insertedId: ObjectId('689090b37a82f42b9246eee9')
}
mydb>
```

And insert multiple record in your record collections:-

```
db.record.insertMany([
  {
    name: "ronny",
    age: 30,
    email: "ronny@example.com",
    isActive: false
  },
  {
    name: "Carol",
    age: 27,
    email: "carol@example.com",
    isActive: true
  }
])
```

```
> db.record.insertMany([
  {
    name: "ronny",
    age: 30,
    email: "ronny@example.com",
    isActive: false
  },
  {
    name: "Carol",
    age: 27,
    email: "carol@example.com",
    isActive: true
  }
])
< {
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('6890914e7a82f42b9246eeea'),
    '1': ObjectId('6890914e7a82f42b9246eeeb')
  }
}
```

Now check all inserted data of your record collections:-

```
> db.record.find().pretty()
< {
  _id: ObjectId('68908d98ebf17b58f14ba94d'),
  name: 'Alice',
  age: 25,
  email: 'alice@example.com',
  isActive: true
}
{
  _id: ObjectId('68908d98ebf17b58f14ba94e'),
  name: 'Bob',
  age: 30,
  email: 'bob@example.com',
  isActive: false
}
{
  _id: ObjectId('68908d98ebf17b58f14ba94f'),
  name: 'Carol',
  age: 27,
  email: 'carol@example.com',
  isActive: true
}
{
  _id: ObjectId('689090b37a82f42b9246eee9'),
  name: 'Om',
  age: 25,
  email: 'alice@example.com',
```