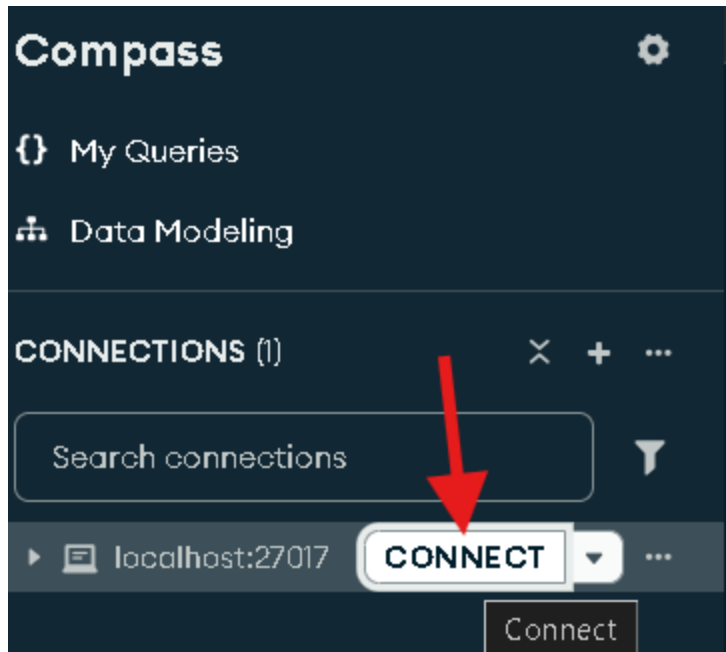


## Create database and collection, and delete database using VS Code Terminal:

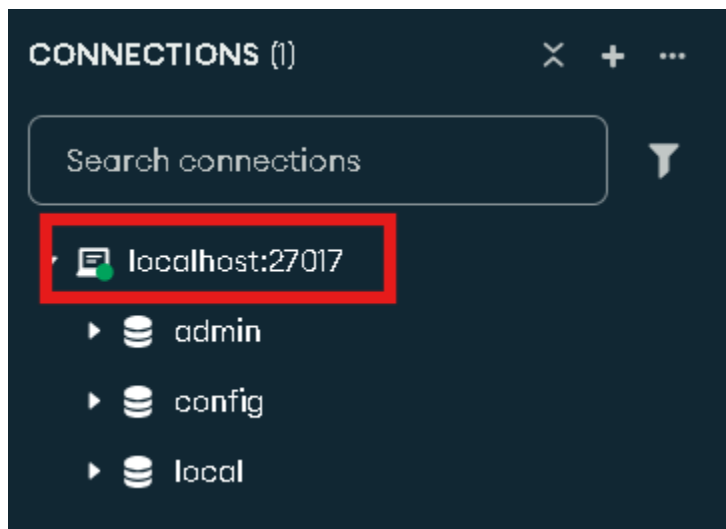
Show Databases	<b>show dbs</b>	<pre>test&gt; show dbs admin    40.00 KiB config   36.00 KiB local    64.00 KiB</pre>
Choose Database	<b>use admin</b>	<pre>test&gt; use admin switched to db admin</pre>
To create new Database and use the Database	<b>use school</b>	<pre>admin&gt; use school switched to db school school&gt; show dbs admin    40.00 KiB config   72.00 KiB local    64.00 KiB school&gt;</pre> <p>Doe's not show because its empty</p>
To Create a collection within Database	<b>db.createCollection("students")</b>	<pre>school&gt; db.createCollection("students") { ok: 1 } school&gt; show dbs admin    40.00 KiB config   88.00 KiB local    64.00 KiB school    8.00 KiB</pre>
To Drop a Database	<b>db.dropDatabase()</b>	<pre>school&gt; db.dropDatabase() { ok: 1, dropped: 'school' } school&gt; show dbs admin    40.00 KiB config   88.00 KiB local    64.00 KiB school&gt;</pre>

## Create database and collection, and delete database using Compass:

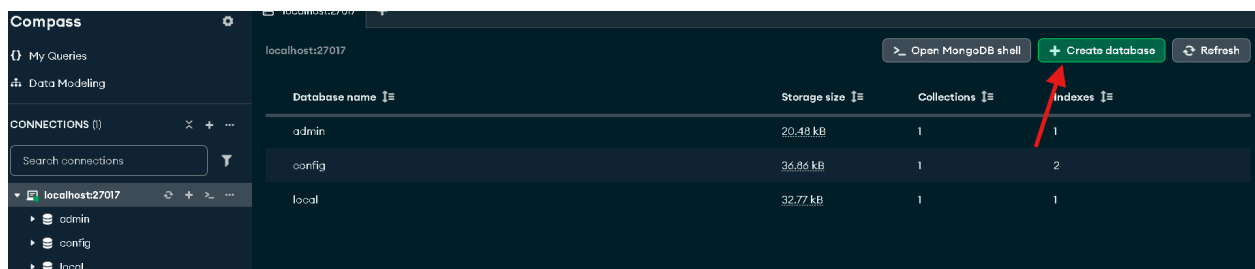
1. Connect



Click on localhost



Create Database:



# Create Database

**Database Name**

school

**Collection Name**

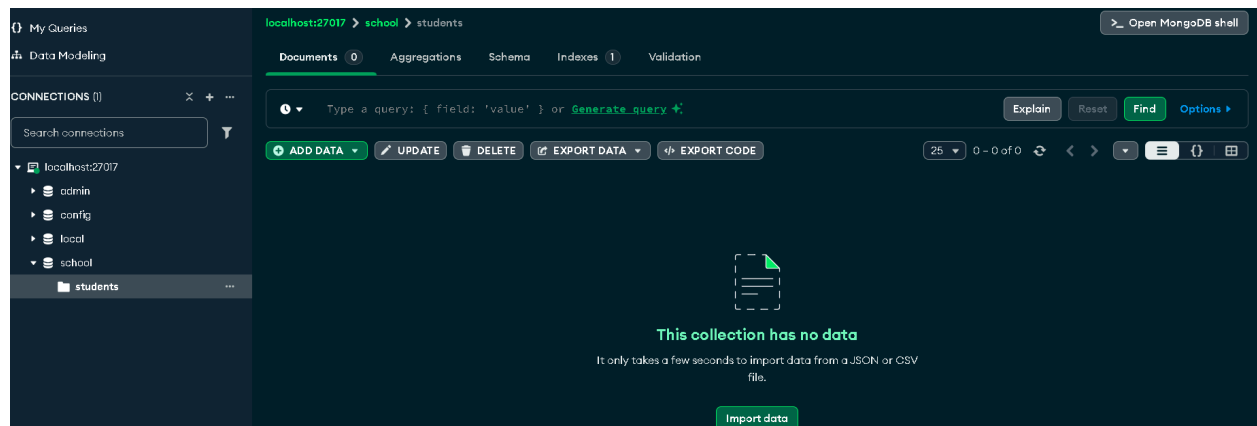
students

☐ **Time-Series**

Time-series collections efficiently store sequences of measurements over a period of time. [Learn More](#)

> **Additional preferences** (e.g. Custom collation, Clustered collections)

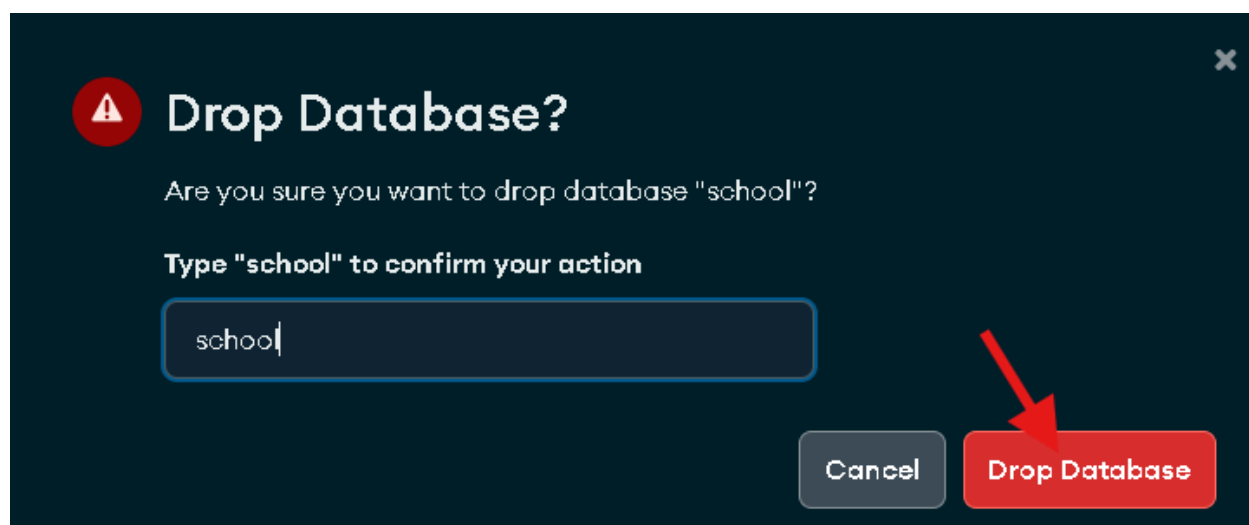
Cancel Create Database



Students does not have any documents yet.

To Delete a Database:

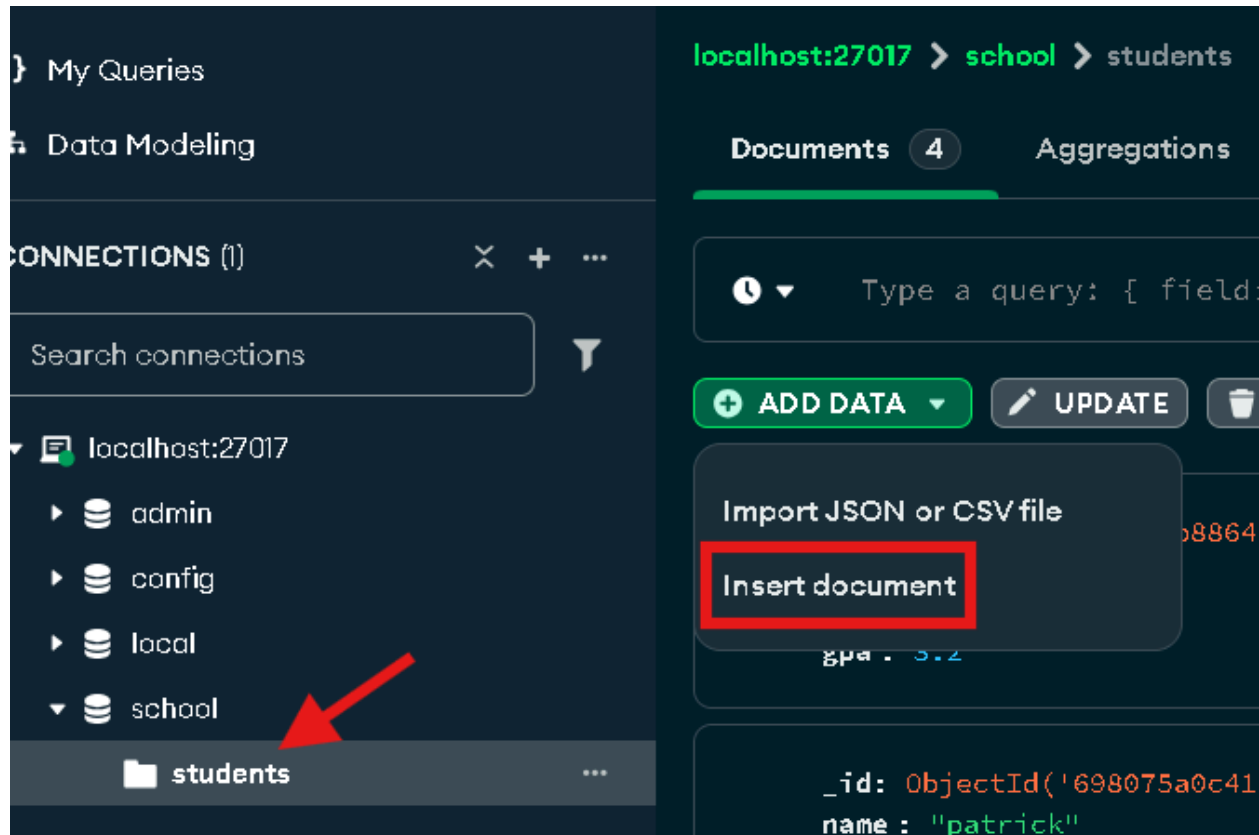




## Commands:

Insert documents into MongoDB database	<code>db.students.insertOne({name: "spongebob", age: 30, gpa: 3.2})</code>	<pre>school&gt; db.students.insertOne({name: "spongebob", age: 30, gpa: 3.2}) { acknowledged: true, insertedId: ObjectId('69804ab8864a660af4628ca0') }</pre>
To show documents within collection	<code>db.students.find()</code>	<pre>school&gt; db.students.find() [ { _id: ObjectId('69804ab8864a660af4628ca0'), name: 'spongebob', age: 30, gpa: 3.2 } ] school&gt;</pre> <p>One document in the collection.</p>
Inserting 3 or more than one documents into mongoDB database	<code>db.students.insertMany([{name: "patrick", age: 38, gpa: 1.5}, {name: "sandy", age: 27, gpa: 4.0}, {name: "gary", age: 18, gpa: 2.5}])</code>	<pre>{ acknowledged: true, insertedIds: { '0': ObjectId('698075a0c41c5afdcf628ca0'), '1': ObjectId('698075a0c41c5afdcf628ca1'), '2': ObjectId('698075a0c41c5afdcf628ca2') } }</pre>

## Inserting document using **MongoDB Compass**:



remove:

```
/**
 * Paste one or more documents here
 */
{
  "_id": {
    "$oid": "698078cfaa017ce650cd8096"
  }
}
```

To remove the error shown below:

# Insert Document

To collection school.students

VIEW



1 {name: "mongo", age: 32, gpa: 3.2}



Expected property name or '}' in JSON at position 1 (line 1 column 2)

Cancel

Insert

### Insert Document

To collection school.students

VIEW  

```
1 { "name": "mongo", "age": 32, "gpa": 3.2 }
```

Cancel Insert

```
_id: ObjectId('69807998aa017ce650cd8097')  
name : "mongo"  
age : 32  
gpa : 3.2
```

To add more than one document:

# Insert Document

To collection school.students

VIEW



```
1 ▾ [{name: "Name1", age: 12, gpa: 1.2},  
2   {name: "Name2", age: 22, gpa: 2.4},  
3   {name: "Name3", age: 42, gpa: 6.2}]
```



Expected property name or '}' in JSON at position 2 (line 1 column 3)

Cancel

Insert



# Insert Document

To collection school.students

VIEW



```
1  ▾  [  
2    { "name": "Name1", "age": 12, "gpa": 1.2 },  
3    { "name": "Name2", "age": 22, "gpa": 2.4 },  
4    { "name": "Name3", "age": 42, "gpa": 6.2 }  
5  ]
```

Cancel

Insert



```
_id: ObjectId('69807998aa017ce650cd8097')  
name: "mongo"  
age: 32  
gpa: 3.2
```

---

```
_id: ObjectId('69807a96aa017ce650cd8099')  
name: "Name1"  
age: 12  
gpa: 1.2
```

---

```
_id: ObjectId('69807a96aa017ce650cd809a')  
name: "Name2"  
age: 22  
gpa: 2.4
```

---

```
_id: ObjectId('69807a96aa017ce650cd809b')  
name: "Name3"  
age: 42  
gpa: 6.2
```