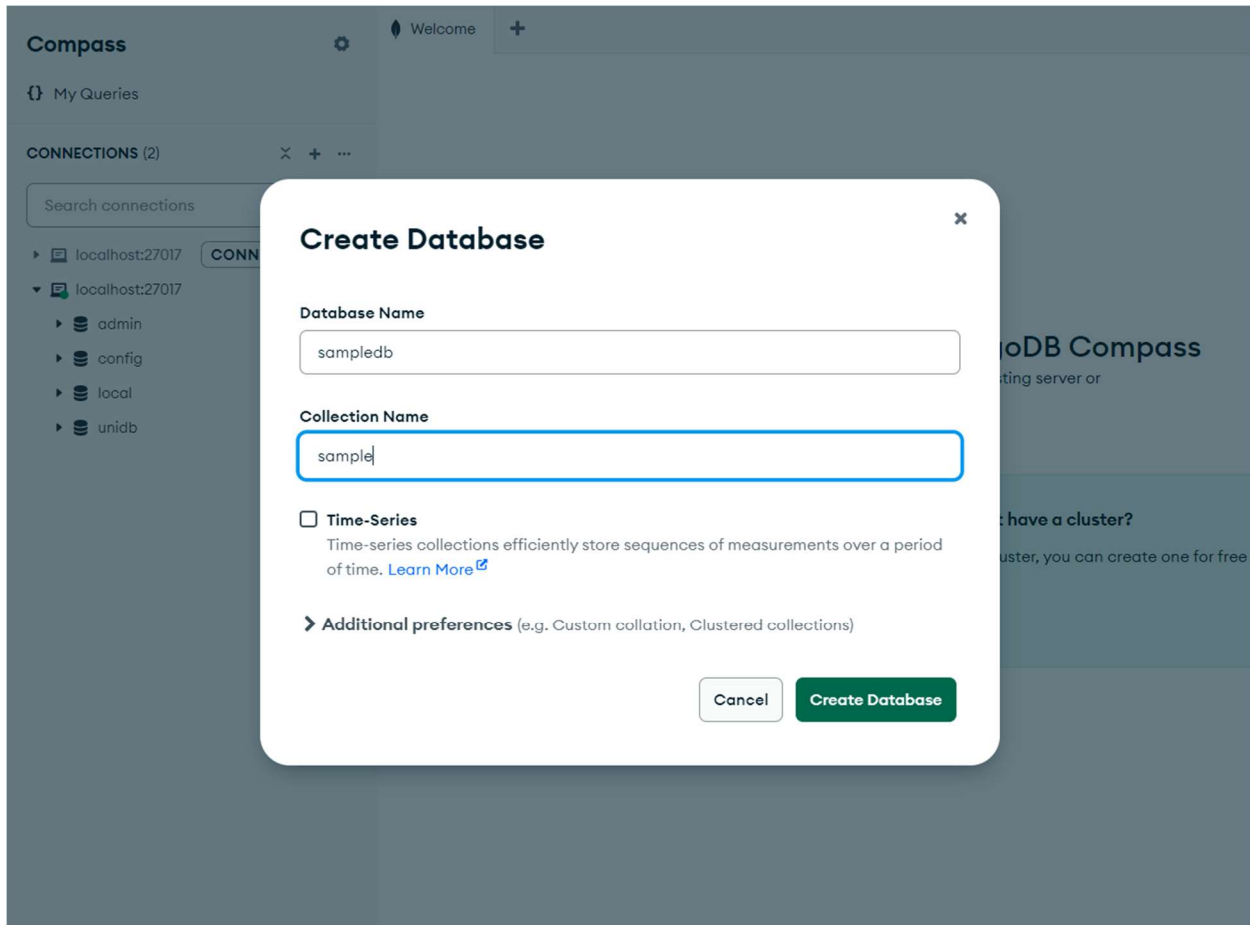


Database drop,delete collections, update documents

1.Create database as sampled, create collection sample



2.use sampledb

switched to db sampledb

3.drop database

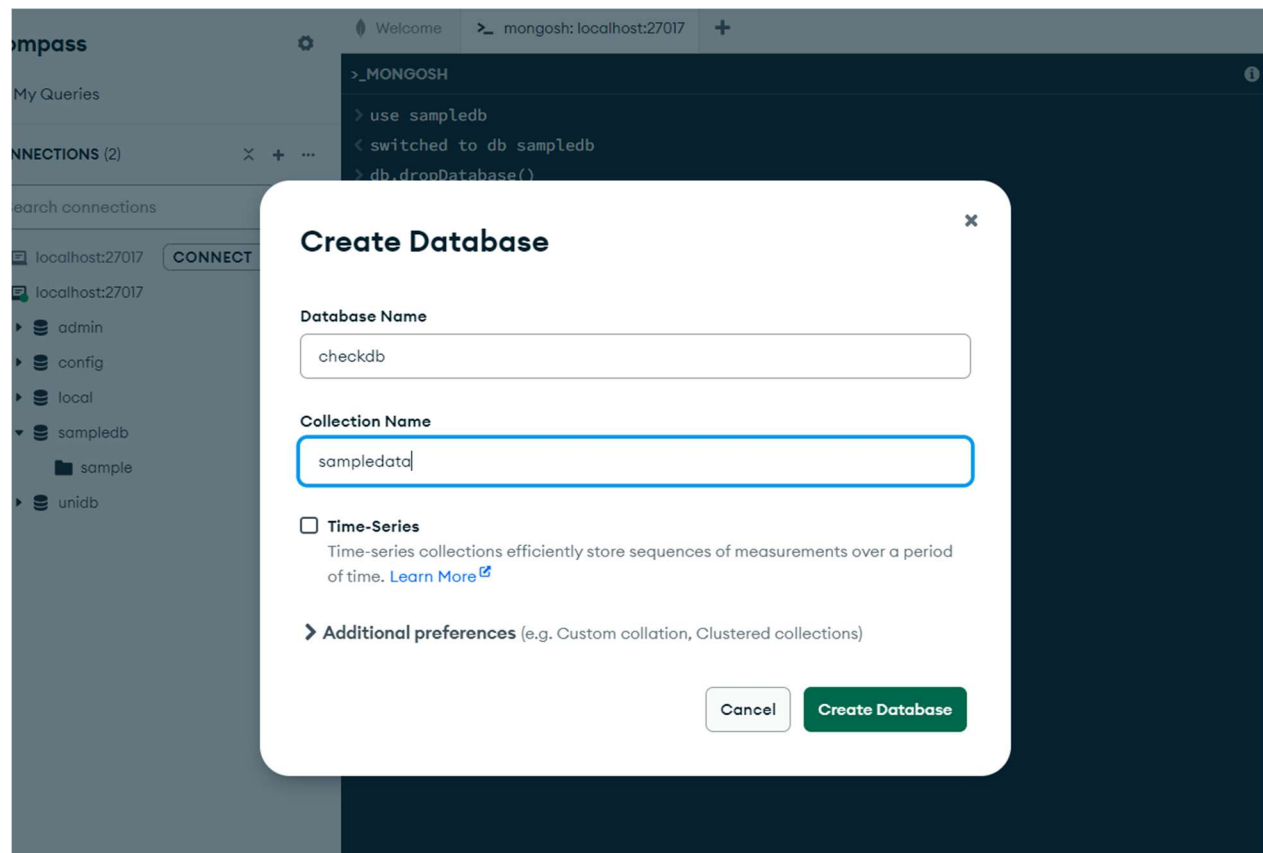
db.dropDatabase()

{ ok: 1, dropped: 'sampledb' }

```
>_MONGOSH

> use sampled
< switched to db sampled
> db.dropDatabase()
< { ok: 1, dropped: 'sampled' }
sampled>
```

4.create database as checkdb, collection as sampledata



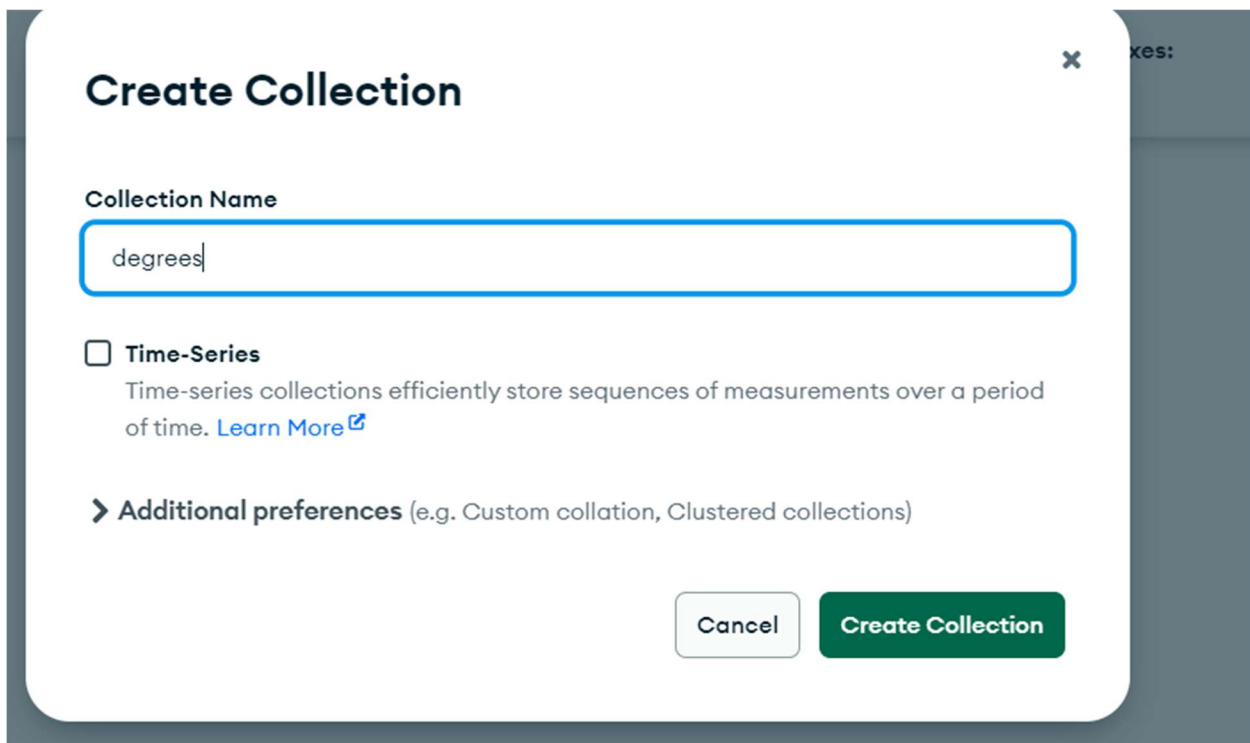
5.drop collection

```
db.sampledata.drop()
```

```
true
```

```
db.sampledata.drop()  
true  
checkdb> |
```

6. In unidb database create collection as degrees



Create Collection

Collection Name

degrees

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

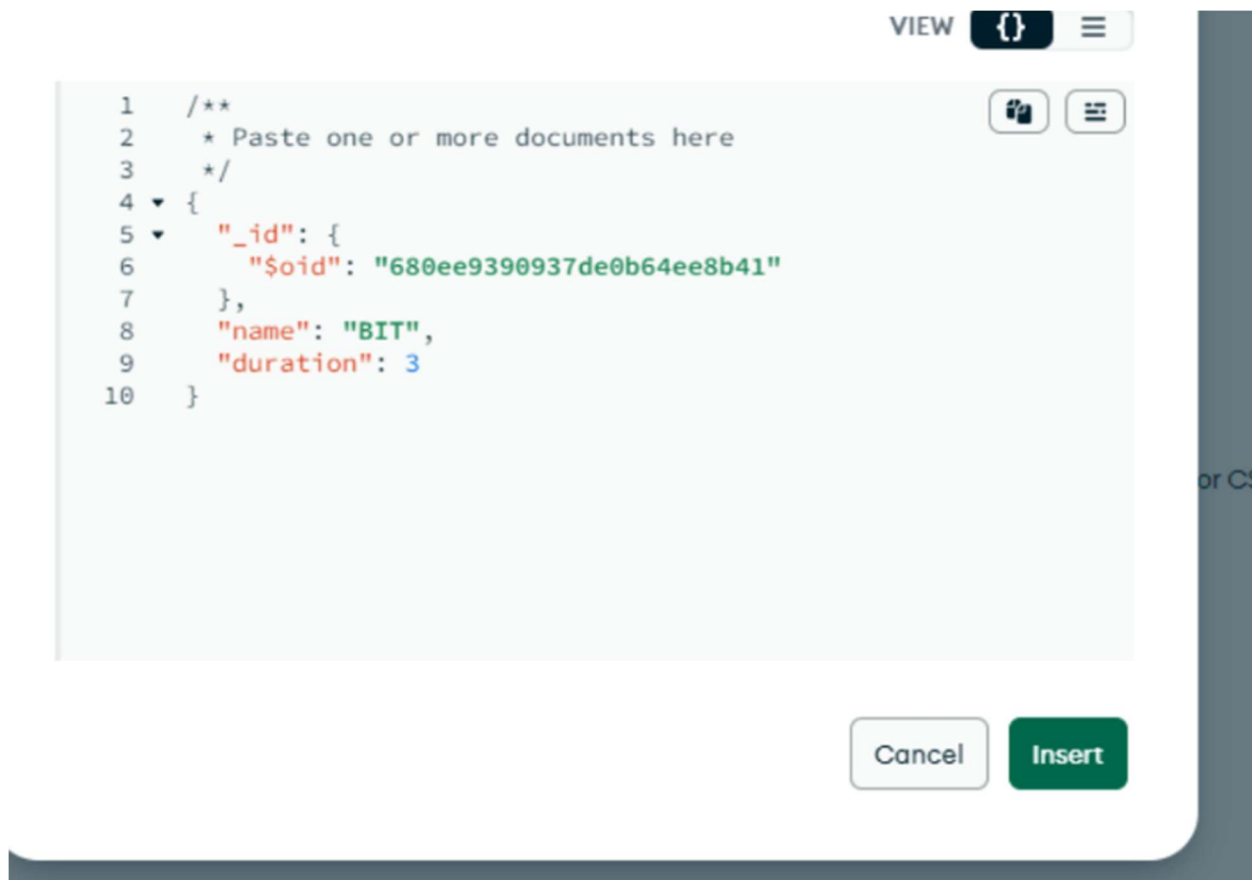
➤ **Additional preferences** (e.g. Custom collation, Clustered collections)

Cancel Create Collection

7. Then insert documents

```
"name": "BIT",
```

```
"duration": 3
```



8.insert multiple documents

Insert Document

To collection unidb.degrees

VIEW



```
1  /**
2  * Paste one or more documents here
3  */
4  ▾ [{
5      "name": "B.Sc in IT",
6      "duration": 4
7  },
8  ▾ {
9
10     "name": "B.Sc in Environmental Science",
11     "duration": 4
12 },
13 ▾ {
14
15     "name": "B.Sc in Applied Mathematics",
16     "duration": 3
17 },
18 ▾ {
19
20     "name": "B.Sc in Computer Science",
21     "duration": 4
22 }
23 }
```



Cancel

Insert

```
[{
```

```
  "name": "B.Sc in IT",
```

```
  "duration": 4
```

```
{
```

```
  "name": "B.Sc in Environmental Science",
```

```
"duration":4
},
{

"name": "B.Sc in Applied Mathematics",
"duration":3
},
{

"name": "B.Sc in Computer Science",
"duration":4
}]
```

localhost:27017 > unidb > degrees

>_ Open MongoDB shell

Documents 5

Aggregations

Schema

Indexes 1

Validation

Type a query: { field: 'value' } or [Get](#) [Explain](#) [Reset](#) [Find](#) [Options](#)



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```
_id: ObjectId('68164380ae438c15a7b354e6')
name: "BIT"
duration: 3
```

[Edit](#) [Copy](#) [Paste](#) [Delete](#)

```
_id: ObjectId('68164498ae438c15a7b354e8')
name: "B.Sc in IT"
duration: 4
```

```
_id: ObjectId('68164498ae438c15a7b354e9')
name: "B.Sc in Environmental Science"
duration: 4
```

```
_id: ObjectId('68164498ae438c15a7b354ea')
name: "B.Sc in Applied Mathematics"
duration: 3
```

```
_id: ObjectId('68164498ae438c15a7b354eb')
name: "B.Sc in Computer Science"
duration: 4
```

9.use unidb

10.delete particular object id

```
db.degrees.deleteOne({_id:ObjectId('680ee960fa3cfb820abef7e7')})
```

```
>_MONGOSH
> use unidb
< switched to db unidb
> db.degrees.deleteOne({_id:ObjectId('68164380ae438c15a7b354e6')})
< {
  acknowledged: true,
  deletedCount: 1
}
```

11. db.degrees.find().projection(['name'])

```
> db.degrees.find().projection(['name'])
< {
  _id: ObjectId('68164498ae438c15a7b354e8'),
  name: 'B.Sc in IT'
}
{
  _id: ObjectId('68164498ae438c15a7b354e9'),
  name: 'B.Sc in Environmental Science'
}
{
  _id: ObjectId('68164498ae438c15a7b354ea'),
  name: 'B.Sc in Applied Mathematics'
}
{
  _id: ObjectId('68164498ae438c15a7b354eb'),
  name: 'B.Sc in Computer Science'
}
```


12. db.degrees.find().projection([{'name':1},{'_id':-1}])

```
> db.degrees.find().projection([{'name':1},{'_id':-1}])
```

```
< {
  _id: ObjectId('68164498ae438c15a7b354e8')
}
{
  _id: ObjectId('68164498ae438c15a7b354e9')
}
{
  _id: ObjectId('68164498ae438c15a7b354ea')
}
{
  _id: ObjectId('68164498ae438c15a7b354eb')
}
```

13. db.degrees.find().projection(['name','duration'])

```
> db.degrees.find().projection(['name','duration'])
< {
  _id: ObjectId('68164498ae438c15a7b354e8'),
  name: 'B.Sc in IT',
  duration: 4
}
{
  _id: ObjectId('68164498ae438c15a7b354e9'),
  name: 'B.Sc in Environmental Science',
  duration: 4
}
{
  _id: ObjectId('68164498ae438c15a7b354ea'),
  name: 'B.Sc in Applied Mathematics',
  duration: 3
}
{
  _id: ObjectId('68164498ae438c15a7b354eb'),
  name: 'B.Sc in Computer Science',
  duration: 4
}
```

14. db.degrees.find({}, {name:1, _id:0}).pretty()

```
> db.degrees.find({}, {name:1, _id:0}).pretty()
< {
  name: 'B.Sc in IT'
}
{
  name: 'B.Sc in Environmental Science'
}
{
  name: 'B.Sc in Applied Mathematics'
}
{
  name: 'B.Sc in Computer Science'
}
```

15. db.degrees.deleteMany({duration:{\$lt:4}})

```
> db.degrees.deleteMany({duration:{$lt:4}})
< {
  acknowledged: true,
  deletedCount: 1
}
```

16. db.degrees.find({}, {name:1, _id:0}).pretty()

```

> db.degrees.find({}, {name:1, _id:0}).pretty()
< {
  name: 'B.Sc in IT'
}
{
  name: 'B.Sc in Environmental Science'
}
{
  name: 'B.Sc in Computer Science'
}

```

17. db.degrees.updateOne({_id:ObjectId('680eef3dfa3cfb820abef7ef')}, {\$set:{name:'BIT', duration:3}})

```

> db.degrees.updateOne({_id:ObjectId('680eef370937de0b64ee8b53')}, {$set:{name:'BIT', duration:3}})
< {
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}

```

18 db.degrees.updateMany({duration:{\$gte:4}}, {\$inc:{duration:1}})

```

> db.degrees.updateMany({duration:{$gte:4}}, {$inc:{duration:1}})
< {
  acknowledged: true,
  insertedId: null,
  matchedCount: 3,
  modifiedCount: 3,
  upsertedCount: 0
}

```

19.db.degrees.findOne({_id:ObjectId('680eef370937de0b64ee8b53')})

```
> db.degrees.findOne({_id:ObjectId('680eef370937de0b64ee8b53')})
< {
  _id: ObjectId('680eef370937de0b64ee8b53'),
  name: 'BIT',
  duration: 3
}
```

20.db.students.updateOne({regno:'2021IT001'},{\$push:{skills:'PHP'}})

21.db.students.findOne({regno:'2021IT001'})