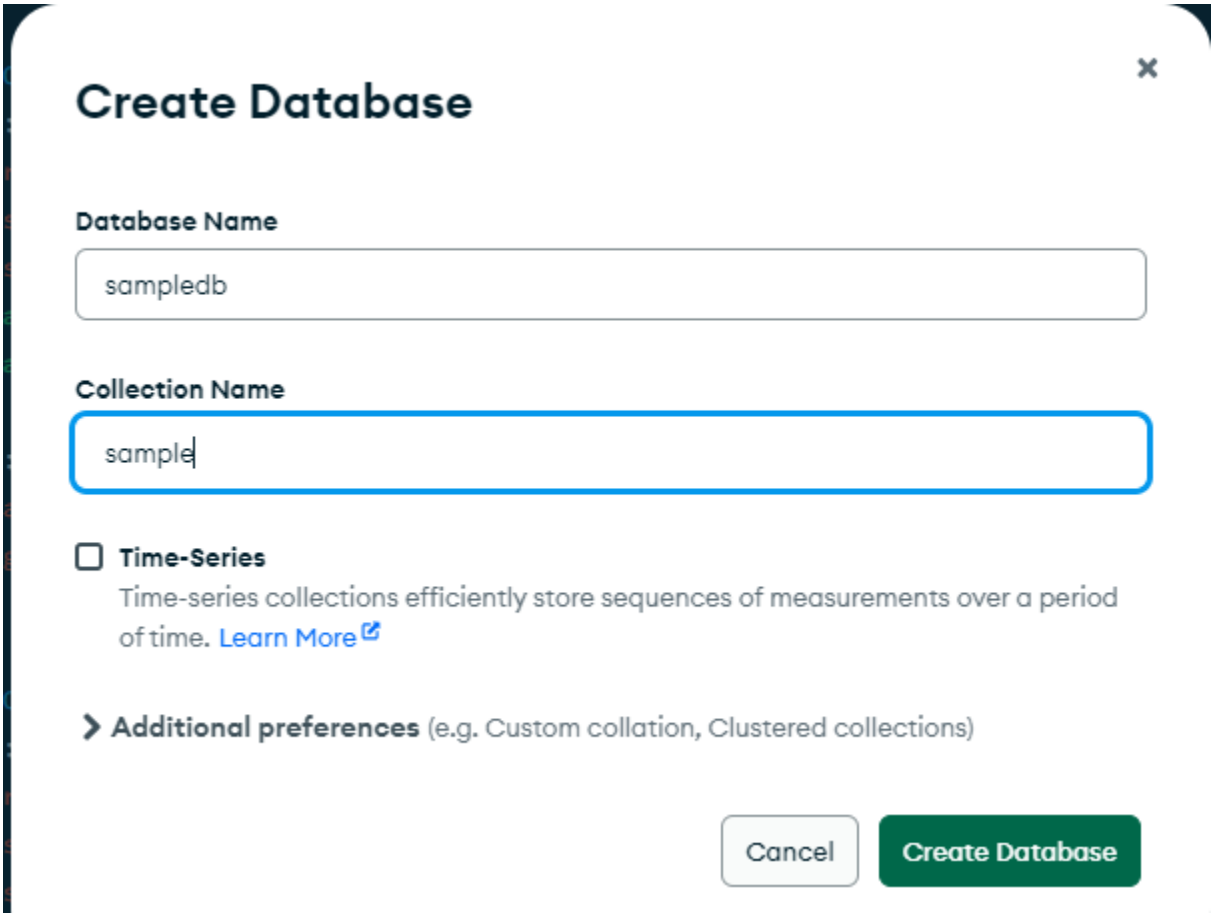
Database drop,delete collections, update documents

01.Create database as sampled, create collection sample



2.use sampledb

switched to db sampled

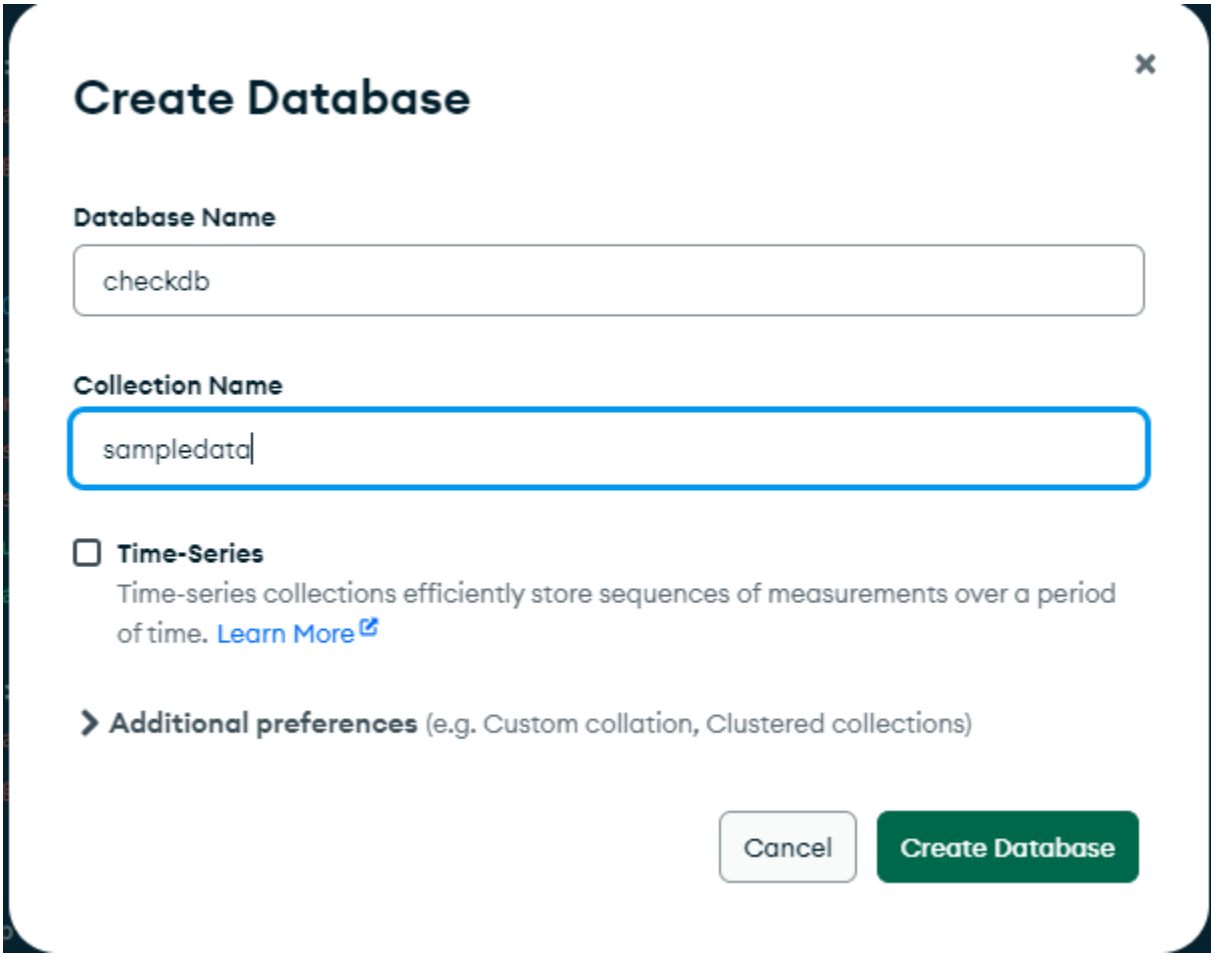
3.drop database

db.dropDatabase()

{ ok: 1, dropped: 'sampledb' }

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

4.create database as checkdb, collection as sampledata



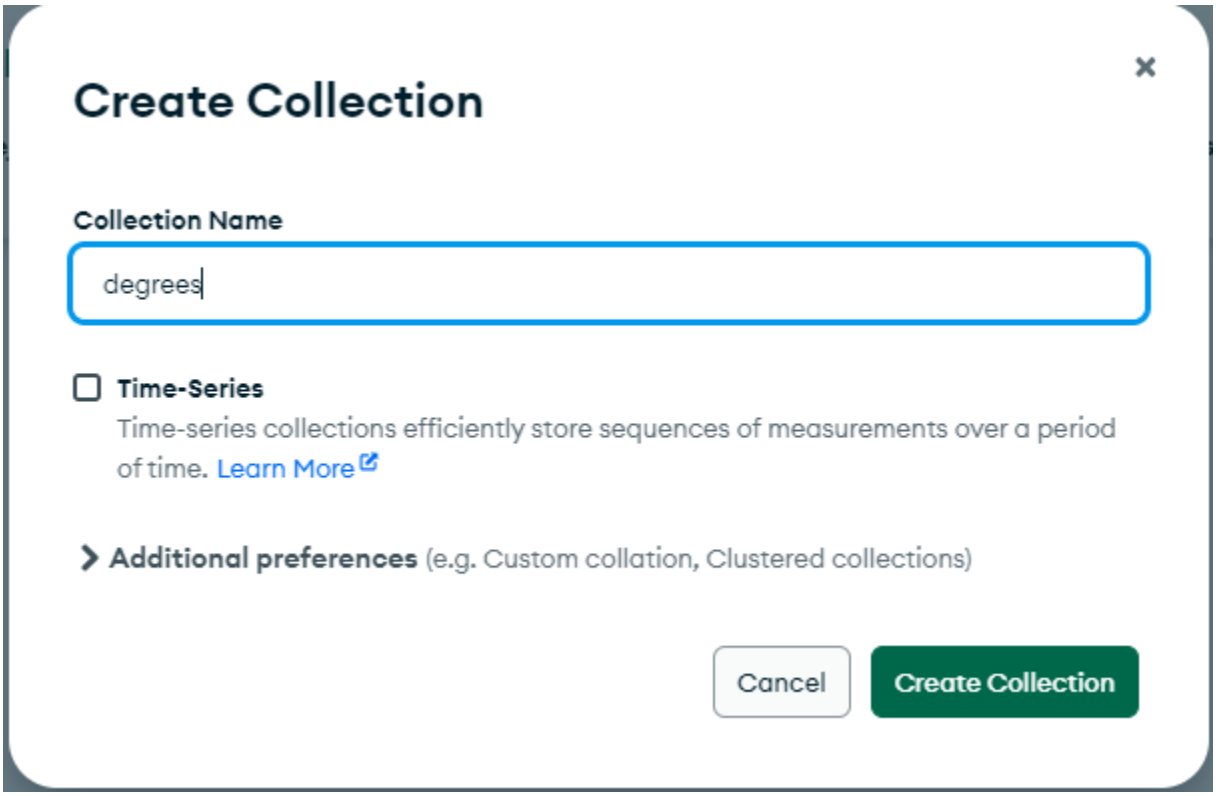
5.drop collection

db.sampledata.drop()

true

```
> db.sampledata.drop()
< true
```

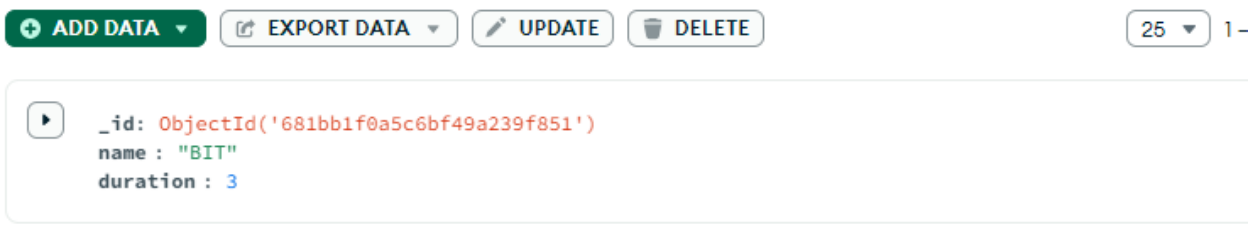
6.In checkdb database create collection as degrees



7.Then insert documents

"name": "BIT",

"duration": 3



8.insert multiple documents

"duration":4

},

{

"name": "B.Sc in Applied Mathematics",

"duration":3

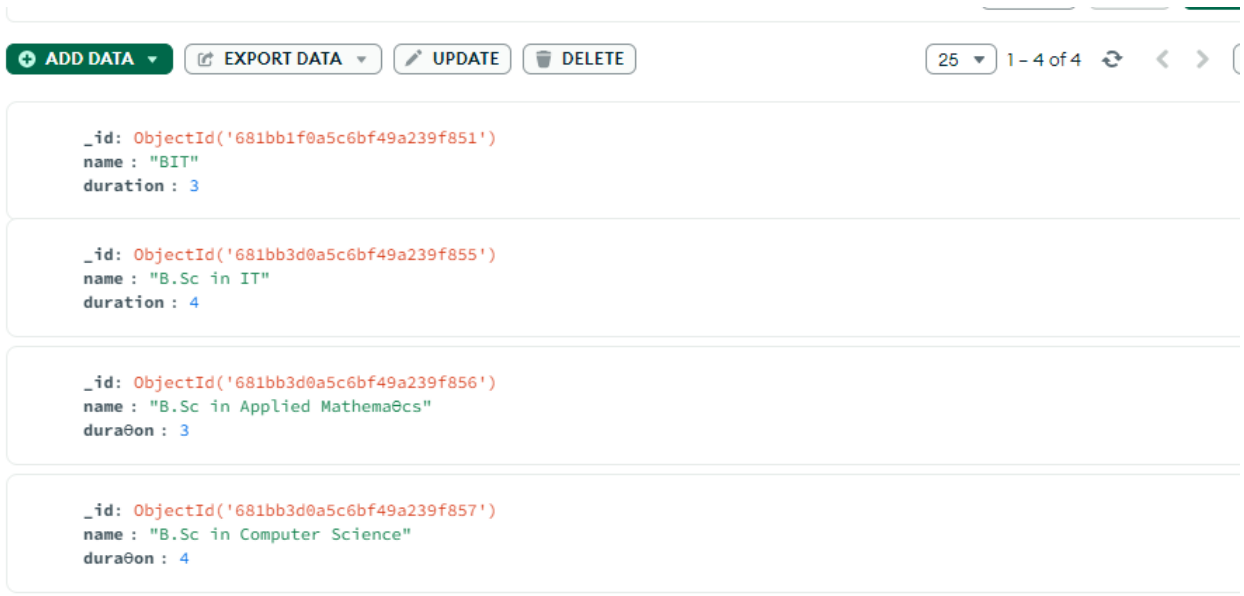
},

{

"name": "B.Sc in Computer Science",

"duration":4

}]



9.delete particular object id

db.degrees.deleteOne({_id:ObjectId('681bb1f0a5c6bf49a239f851')})

```
> db.degrees.deleteOne({_id:ObjectId('681bb1f0a5c6bf49a239f851')})
< {
    acknowledged: true,
    deletedCount: 1
  }
checkdb >
```

10. db.degrees.find().projection([‘name’])

```
> db.degrees.find().projection(['name'])
< {
    _id: ObjectId('681bb3d0a5c6bf49a239f855'),
    name: 'B.Sc in IT'
  }
  {
    _id: ObjectId('681bb3d0a5c6bf49a239f856'),
    name: 'B.Sc in Applied Mathema0cs'
  }
  {
    _id: ObjectId('681bb3d0a5c6bf49a239f857'),
    name: 'B.Sc in Computer Science'
  }
```

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

```
> db.degrees.find().projection([{'name':1},{'_id':-1}])
< {
    _id: ObjectId('681bb3d0a5c6bf49a239f855')
  }
  {
    _id: ObjectId('681bb3d0a5c6bf49a239f856')
  }
  {
    _id: ObjectId('681bb3d0a5c6bf49a239f857')
  }
```

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

```
> db.degrees.find().projection(['name','duration'])
< {
    _id: ObjectId('681bb3d0a5c6bf49a239f855'),
    name: 'B.Sc in IT',
    duration: 4
  }
  {
    _id: ObjectId('681bb3d0a5c6bf49a239f856'),
    name: 'B.Sc in Applied Mathema0cs'
  }
  {
    _id: ObjectId('681bb3d0a5c6bf49a239f857'),
    name: 'B.Sc in Computer Science'
  }
```

13. 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 Applied Mathema0cs'
  }
  {
    name: 'B.Sc in Computer Science'
  }
```

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

```
> db.degrees.deleteMany({duration:{$lt:4}})
< {
    acknowledged: true,
    deletedCount: 0
  }
```

15.db.degrees.updateOne({_id:ObjectId(‘681bb1f0a5c6bf49a239f851’)},{$set:{name:'BIT',duration:3}})

```
> db.degrees.updateOne({_id:ObjectId('681bb1f0a5c6bf49a239f851')},{$set:{name:'BIT',duration:3}})
< {
    acknowledged: true,
    insertedId: null,
    matchedCount: 0,
    modifiedCount: 0,
    upsertedCount: 0
  }
```

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

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