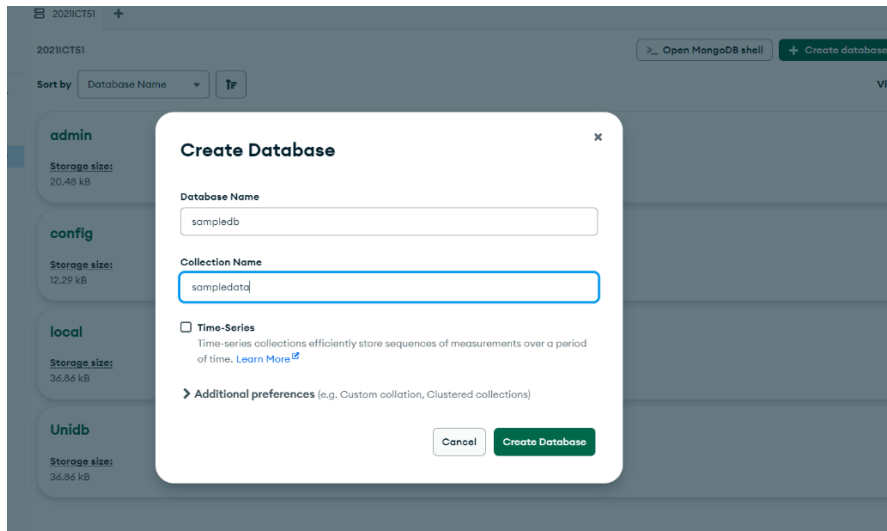


Drop Database & Collection, Update Documents

1. create database

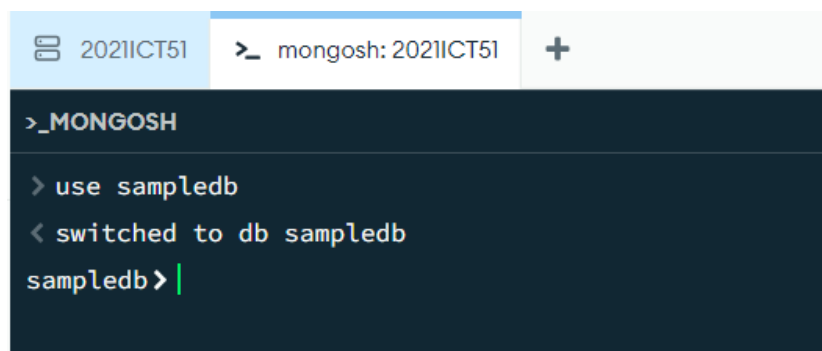
Database Name: sampledb

Collection Name:sampledata



2.change into sampledb

use sampled



3. Drop database

db.dropDatabase()

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

4. Drop a collection

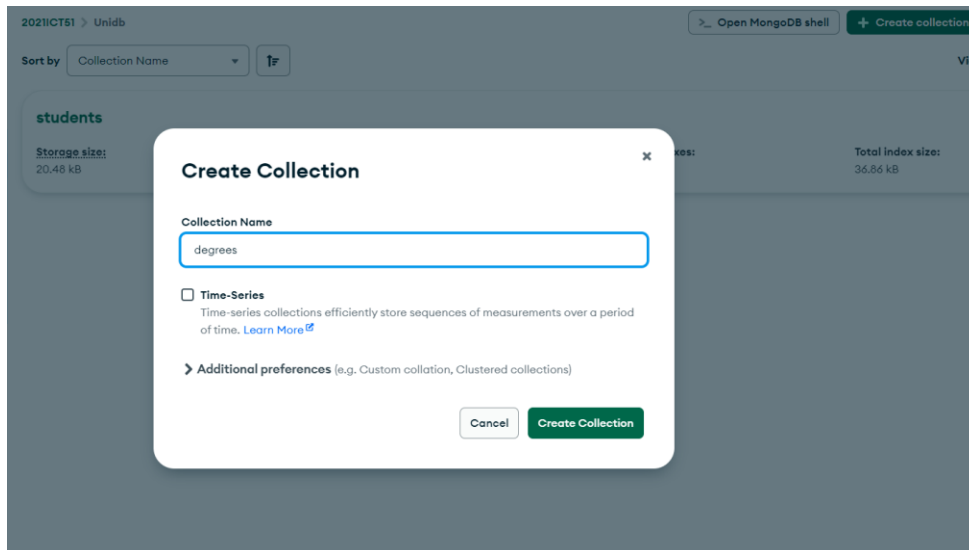
db.sampledata.drop()

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

In unidb

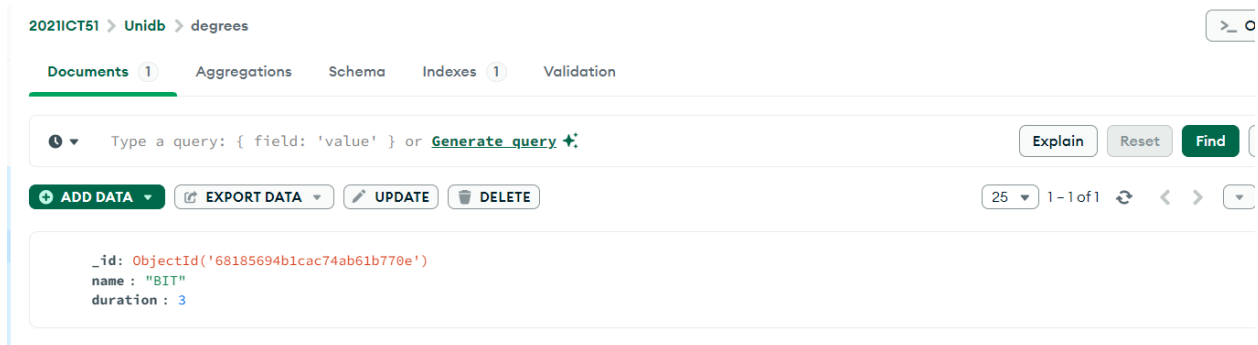
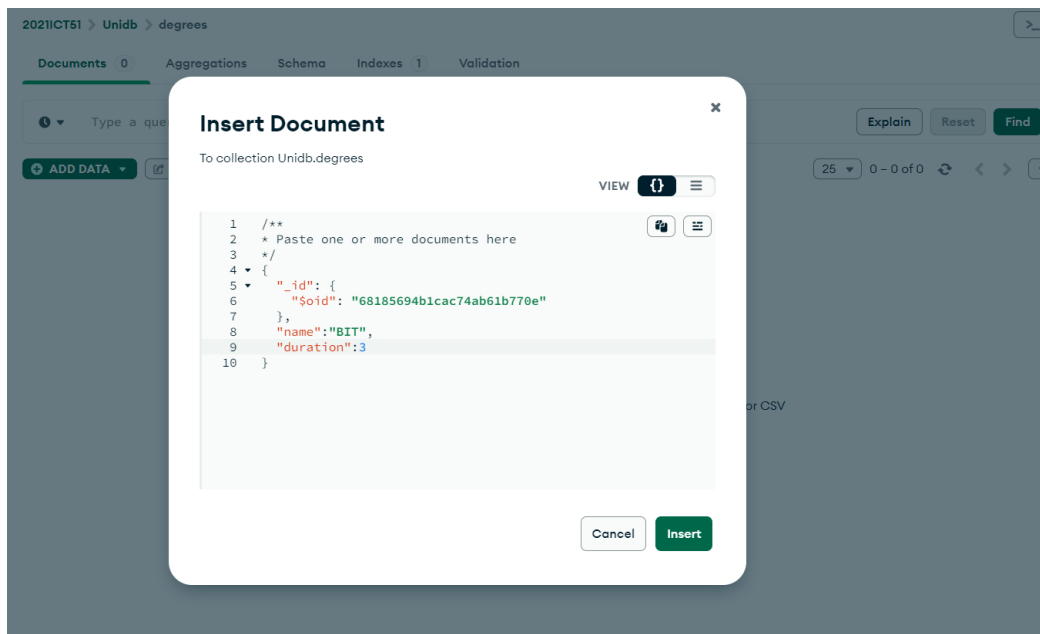
1.create another collection

Collection Name: degrees



2.insert one document

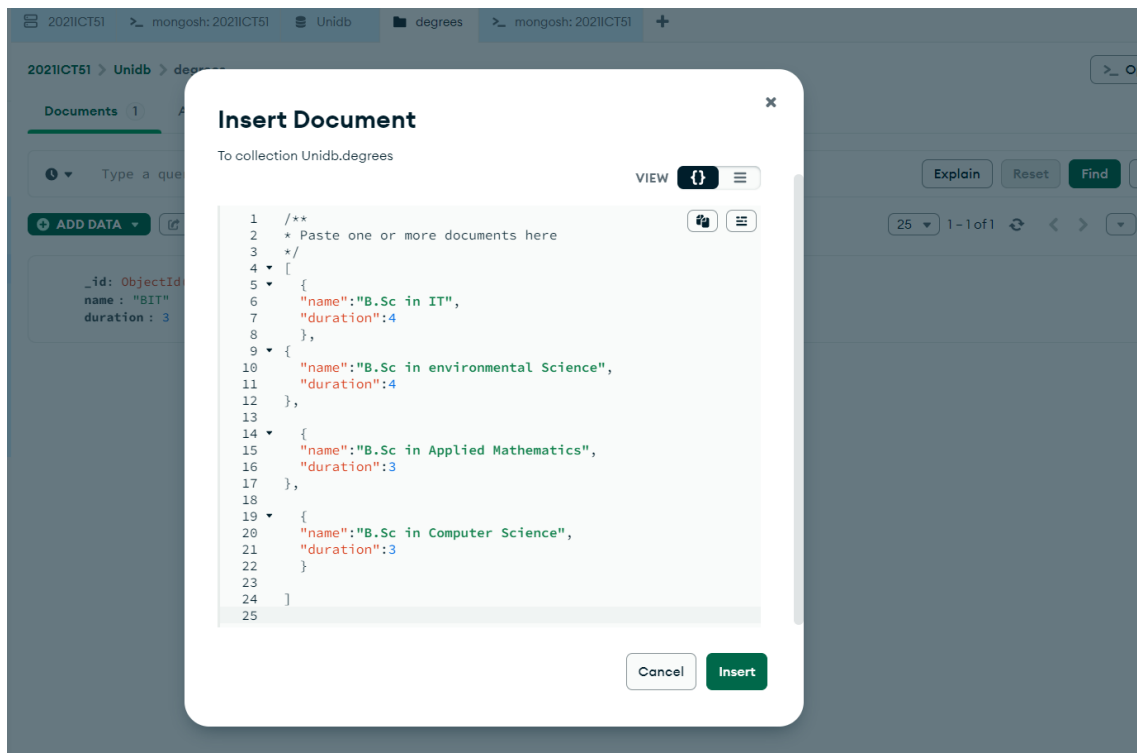
```
{
  "name": "BIT",
  "duration": 3
}
```



3. Insert the multiple document

```
[
  {
    "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":3  
}  
]
```



2021ICT51 > Unidb > degrees Open MongoDB

Documents 5 Aggregations Schema Indexes 1 Validation

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

ADD DATA EXPORT DATA UPDATE DELETE 25 1 - 5 of 5 ↶ ↷ ⋮ {}

<pre>{ "_id": "ObjectId('68185694b1cac74ab61b770e')", "name": "BIT", "duration": 3 }</pre>
<pre>{ "_id": "ObjectId('68185855b1cac74ab61b7710')", "name": "B.Sc in IT", "duration": 4 }</pre>
<pre>{ "_id": "ObjectId('68185855b1cac74ab61b7711')", "name": "B.Sc in environmental Science", "duration": 4 }</pre>
<pre>{ "_id": "ObjectId('68185855b1cac74ab61b7712')", "name": "B.Sc in Applied Mathematics", "duration": 3 }</pre>
<pre>{ "_id": "ObjectId('68185855b1cac74ab61b7713')", "name": "B.Sc in Computer Science", "duration": 3 }</pre>

4. Delete one data

```
db.degrees.deleteOne({_id:ObjectId('68185694b1cac74ab61b770e')})
```

```
2021ICT51 > mongosh: 2021ICT51 Unidb degrees > mongosh: 2021ICT51 +
>_MONGOSH
> use Unidb
< switched to db Unidb
> db.degrees.deleteOne({_id:ObjectId('68185694b1cac74ab61b770e')})
< {
  acknowledged: true,
  deletedCount: 1
}
Unidb>
```

5. Find name,duration

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

```

> db.degrees.find().projection(['name','duration'])
< {
  _id: ObjectId('68185855b1cac74ab61b7710'),
  name: 'B.Sc in IT',
  duration: 4
}
{
  _id: ObjectId('68185855b1cac74ab61b7711'),
  name: 'B.Sc in environmental Science',
  duration: 4
}
{
  _id: ObjectId('68185855b1cac74ab61b7712'),
  name: 'B.Sc in Applied Mathematics',
  duration: 3
}
{
  _id: ObjectId('68185855b1cac74ab61b7713'),
  name: 'B.Sc in Computer Science',
  duration: 3
}
Unidb>

```

6. Find the name but dont want id number

```
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'
}
Unidb>

```

7. Delete many datas duration less than 4

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

```

> db.degrees.deleteMany({duration:{$lt:4}})
< {
  acknowledged: true,
  deletedCount: 2
}
Unidb>

```

8. Update one data IT -> BIT & also change the duration

```
db.degrees.updateOne({_id:ObjectId('68185855b1cac74ab61b7710')},{ $set:{name:'BIT',duration:2}})
```

```
> db.degrees.updateOne({_id:ObjectId('68185855b1cac74ab61b7710')},{ $set:{name:'BIT',duration:2}})
< {
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Unidb>
```

9. Update Many which duration 4 increase by 1 -> (4+1)=5

```
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
}
Unidb>
```

10. Find all datas

```
db.degrees.find()
```

```
> db.degrees.find()
< {
  _id: ObjectId('68185855b1cac74ab61b7710'),
  name: 'BIT',
  duration: 2
}
{
  _id: ObjectId('68185855b1cac74ab61b7711'),
  name: 'B.Sc in environmental Science',
  duration: 5
}
Unidb>
```

11.Update one skills PHP in regno 2021ict01

In update array we use push

```
db.students.updateOne({regno:'2021ICT01'},{$push:{skills:'PHP'}})
```

```
>_MONGOSH
> use Unidb
< switched to db Unidb
> db.students.updateOne({regno:'2021ict55'},{$push:{skills:'PHP'}})
< {
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Unidb> |
```

```
▶ {
  _id: ObjectId('680e4b29d617770599f1472')
  regno: "2021ict55"
  name: "Shana"
  age: 22
  degree: "IT"
  gpa: 2.58
  skills: Array (4)
    0: "MongoDB"
    1: "JS"
    2: "SQL"
    3: "PHP"
  gender: "male"
}
```