

in unidb=> create collection=>degrees

Create Collection

Collection Name

☐ **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

//add data

```
{
  "_id": {
    "$oid": "680ee94ab6eca57c4ed6ea42"
  },
  "name": "BIT",
  "duration": 3
}
```

```
{
  "_id": {
    "$oid": "680ee986b6eca57c4ed6ea43"
  },
  "name": "B.Sc in IT",
  "duration": 4
}
```

```
{
  "_id": {
    "$oid": "680eeacbb6eca57c4ed6ea44"
  },
  "name": "B.Sc in Environmental Science",
  "duration": 4
}
```

```
{
  "_id": {
    "$oid": "680eeaddb6eca57c4ed6ea45"
  },
  "name": "B.Sc in Environmental ScienceApplied Mathematics",
  "duration": 3
}
```

```
{
  "_id": {
    "$oid": "680eeae9b6eca57c4ed6ea46"
  },
  "name": "B.Sc in Computer Science",
  "duration": 4
}
```

// in shell

use unidb

Insert Document

To collection unidb.degrees

VIEW  

```
1  /**
2  * Paste one or more documents here
3  */
4  {
5    "_id": {
6      "$oid": "681785f99074a12c27e60ce5"
7    },
8    "name": "BIT",
9    "duration": 3
10 }
11 }
```

Cancel

Insert



25

1 - 5 of 5



```
_id: ObjectId('681785f99074a12c27e60ce5')
name: "BIT"
duration: 3
```

```
_id: ObjectId('680ee986b6eca57c4ed6ea43')
name: "B.Sc in IT"
duration: 4
```

```
_id: ObjectId('680eeacbb6eca57c4ed6ea44')
name: "B.Sc in Environmental Science"
duration: 4
```

```
_id: ObjectId('680eeaddb6eca57c4ed6ea45')
name: "B.Sc in Environmental ScienceApplied Mathematics"
duration: 3
```

```
_id: ObjectId('680eeae9b6eca57c4ed6ea46')
name: "B.Sc in Computer Science"
duration: 4
```

```
db.degrees.deleteOne({_id:ObjectId('680ee94ab6eca57c4ed6ea42')})
```

```

> use unidb
< switched to db unidb
>
>
> db.degrees.deleteOne({_id:ObjectId('680ee94ab6eca57c4ed6ea42')})
< {
  acknowledged: true,
  deletedCount: 0
}

```

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

```

> db.degrees.find().projection(['name'])
< {
  _id: ObjectId('681785f99074a12c27e60ce5'),
  name: 'BIT'
}
{
  _id: ObjectId('680ee986b6eca57c4ed6ea43'),
  name: 'B.Sc in IT'
}
{
  _id: ObjectId('680eeacbb6eca57c4ed6ea44'),
  name: 'B.Sc in Environmental Science'
}
{
  _id: ObjectId('680eeaddb6eca57c4ed6ea45'),
  name: 'B.Sc in Environmental ScienceApplied Mathematics'
}
{
  _id: ObjectId('680eeae9b6eca57c4ed6ea46'),
  name: 'B.Sc in Computer Science'
}

```

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

```
> db.degrees.find().projection(['name':1],['_id':-1])
< {
  _id: ObjectId('681785f99074a12c27e60ce5')
}
{
  _id: ObjectId('680ee986b6eca57c4ed6ea43')
}
{
  _id: ObjectId('680eeacbb6eca57c4ed6ea44')
}
{
  _id: ObjectId('680eeaddb6eca57c4ed6ea45')
}
{
  _id: ObjectId('680eeae9b6eca57c4ed6ea46')
}
```

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

```
> db.degrees.find().projection(['name','duration'])
< {
  _id: ObjectId('681785f99074a12c27e60ce5'),
  name: 'BIT',
  duration: 3
}
{
  _id: ObjectId('680ee986b6eca57c4ed6ea43'),
  name: 'B.Sc in IT',
  duration: 4
}
{
  _id: ObjectId('680eeacbb6eca57c4ed6ea44'),
  name: 'B.Sc in Environmental Science',
  duration: 4
}
{
  _id: ObjectId('680eeaddb6eca57c4ed6ea45'),
  name: 'B.Sc in Environmental ScienceApplied Mathematics',
  duration: 3
}
{
  _id: ObjectId('680eeae9b6eca57c4ed6ea46'),
  name: 'B.Sc in Computer Science',
  duration: 4
}
```

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

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

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

```
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'
}
```

```
// after that refresh degrees and add data
```

251 - 3 of 3

```
_id: ObjectId('680ee986b6eca57c4ed6ea43')
name: "B.Sc in IT"
duration: 4
```

```
_id: ObjectId('680eeacbb6eca57c4ed6ea44')
name: "B.Sc in Environmental Science"
duration: 4
```

```
_id: ObjectId('680eeae9b6eca57c4ed6ea46')
name: "B.Sc in Computer Science"
duration: 4
```

```
_id: ObjectId('680eeffcb6eca57c4ed6ea48')
name: "FGHIJG"
duration: 1
```

//after that go to shell

```
db.degrees.updateOne({_id:ObjectId('680eeffcb6eca57c4ed6ea48')},{ $set:{name:'BIT',duration:3}})
```

```
> db.degrees.updateOne({_id:ObjectId('680eeffcb6eca57c4ed6ea48')},{ $set:{name:'BIT',duration:3}})
< {
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
```

```
db.degrees.findOne({_id:ObjectId('680eeffcb6eca57c4ed6ea48')})
```

```
> db.degrees.findOne({_id:ObjectId('680eeffcb6eca57c4ed6ea48')})
< {
  _id: ObjectId('680eeffcb6eca57c4ed6ea48'),
  name: 'BIT',
  duration: 3
}
```

```
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
}
```

db.degrees.find()

```
> db.degrees.find()
< {
  _id: ObjectId('680ee986b6eca57c4ed6ea43'),
  name: 'B.Sc in IT',
  duration: 5
}
{
  _id: ObjectId('680eeacbb6eca57c4ed6ea44'),
  name: 'B.Sc in Environmental Science',
  duration: 5
}
{
  _id: ObjectId('680eeae9b6eca57c4ed6ea46'),
  name: 'B.Sc in Computer Science',
  duration: 5
}
{
  _id: ObjectId('680eeffcb6eca57c4ed6ea48'),
  name: 'BIT',
  duration: 3
}
```

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

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

< {
  acknowledged: true,
  insertedId: null,
  matchedCount: 0,
  modifiedCount: 0,
  upsertedCount: 0
}
```

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

```
>
> db.students.findOne({regno:'2021IT001'})
< null
unidb>
```