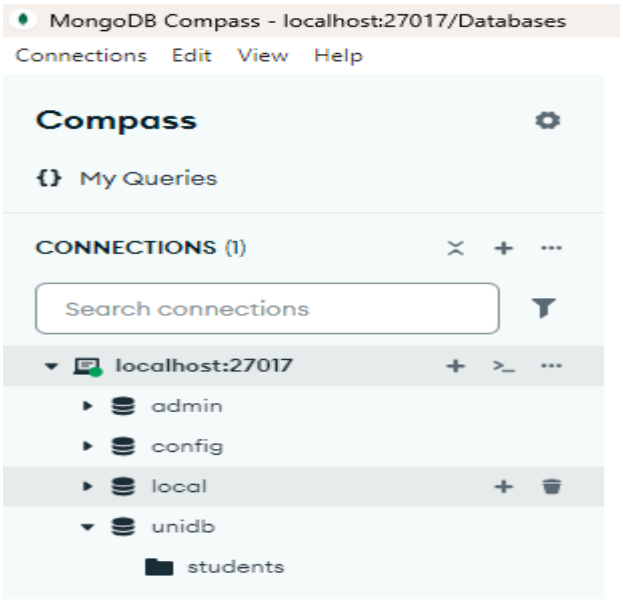
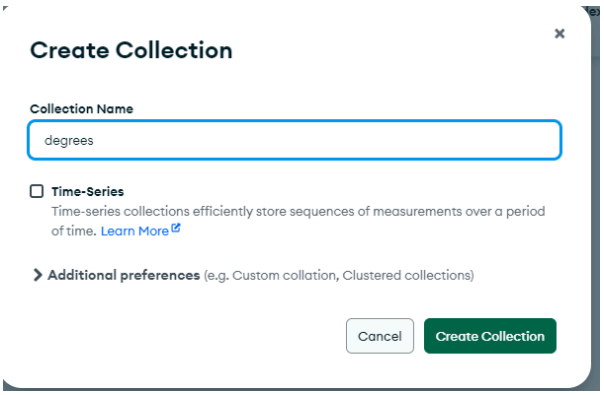
Drop database mongosh

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



Create a new collection



degrees

	_id ObjectId	name String	duration Int32
1	ObjectId('680ee939a6b9e8…	"BIT"	3
2	ObjectId('680ee99ca6b9e8…	"B.Sc in IT"	4
3	ObjectId('680ee9daa6b9e8…	"B.Sc in Enviornmental S…	4
4	ObjectId('680eea73a6b9e8…	"B.Sc in Applied Mathema…	3
5	ObjectId('680eea7da6b9e8…	"B.Sc in Computer Scienc…	4

Delete data in the table

- DeleteOne()

  db.degrees.deleteOne({_id:ObjectId('680ee939a6b9e8ca4a434c39')})
  db.degrees.find()

```
> db.degrees.deleteOne({_id:ObjectId('680ee939a6b9e8ca4a434c39')})
< {
    acknowledged: true,
    deletedCount: 1
  }
> db.degrees.find()
< {
    _id: ObjectId('680ee99ca6b9e8ca4a434c3a'),
    name: 'B.Sc in IT',
    duration: 4
  }
  {
    _id: ObjectId('680ee9daa6b9e8ca4a434c3b'),
    name: 'B.Sc in Enviornmental Science',
    duration: 4
  }
  {
    _id: ObjectId('680eea73a6b9e8ca4a434c3c'),
    name: 'B.Sc in Applied Mathematics',
    duration: 3
  }
  {
    _id: ObjectId('680eea7da6b9e8ca4a434c3d'),
    name: 'B.Sc in Computer Science',
    duration: 4
  }
```

- DeleteMany()

  db.degrees.deleteMany({duration:{$lt:3}})

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

```
> db.degrees.find()
< {
    _id: ObjectId('680ee99ca6b9e8ca4a434c3a'),
    name: 'B.Sc in IT',
    duration: 4
  }
  {
    _id: ObjectId('680ee9daa6b9e8ca4a434c3b'),
    name: 'B.Sc in Enviornmental Science',
    duration: 4
  }
  {
    _id: ObjectId('680eea7da6b9e8ca4a434c3d'),
    name: 'B.Sc in Computer Science',
    duration: 4
  }
```

Update data in the table

- updateOne()

db.degrees.updateOne({duration:1},{$set:{name:'B.Sc ITCS'}})

degrees

	_id ObjectId	name String	duration Int32
1	ObjectId('680ee99ca6b9e8…	"B.Sc in IT"	4
2	ObjectId('680ee9daa6b9e8…	"B.Sc in Enviornmental S…	4
3	ObjectId('680eea7da6b9e8…	"B.Sc in Computer Scienc…	4
4	ObjectId('680eefa9a6b9e8…	"BIT"	3
5	ObjectId('680eefc2a6b9e8…	"B.Sc in Applied Mathema…	3
6	ObjectId('680eefeba6b9e8…	"B.Sc ITCS"	1

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

```
> db.students.updateOne({regno:"2021IT001"},{$push:{skills:"PHP"}})
< {
    acknowledged: true,
    insertedId: null,
    matchedCount: 1,
    modifiedCount: 1,
    upsertedCount: 0
  }
> db.students.find()
< {
    _id: ObjectId('6809be71b8012784fd7b124a'),
    regno: '2021IT001',
    name: 'Kolins',
    age: 25,
    degree: 'IT',
    gpa: 3.2,
    skills: [
      'JS',
      'MongoDb',
      'Node',
      'PHP'
    ],
    gender: 'Male'
  }
```

- updateMany()

  db.degrees.updateMany({},{$set:{department:'Physical Science'}})

  *in this query we can add new column using updateMany()

```
> db.degrees.updateMany({},{$set:{department:'Physical Science'}})
< {
    acknowledged: true,
    insertedId: null,
    matchedCount: 6,
    modifiedCount: 6,
    upsertedCount: 0
  }
```

degrees

	_id ObjectId	name String	duration Int32	department String
1	ObjectId('680ee99ca6b9e8…	"B.Sc in IT"	4	"Physical Science"
2	ObjectId('680ee9daa6b9e8…	"B.Sc in Enviornmental S…	4	"Physical Science"
3	ObjectId('680eea7da6b9e8…	"B.Sc in Computer Scienc…	4	"Physical Sc… Physical Science
4	ObjectId('680eefa9a6b9e8…	"BIT"	3	"Physical Science"
5	ObjectId('680eefc2a6b9e8…	"B.Sc in Applied Mathema…	3	"Physical Science"
6	ObjectId('680eefeba6b9e8…	"B.Sc ITCS"	3	"Physical Science"

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

degrees

	_id ObjectId	name String	duration Int32	department String
1	ObjectId('680ee99ca6b9e8…	"B.Sc in IT"	5	"Physical Science"
2	ObjectId('680ee9daa6b9e8…	"B.Sc in Enviornmental S…	5	"Bio Science"
3	ObjectId('680eea7da6b9e8…	"B.Sc in Computer Scienc…	5	"Physical Science"
4	ObjectId('680eefa9a6b9e8…	"BIT"	4	"Physical Science"
5	ObjectId('680eefc2a6b9e8…	"B.Sc in Applied Mathema…	4	"Physical S… Physical Science
6	ObjectId('680eefeba6b9e8…	"B.Sc ITCS"	4	"Technology"