

MongoDB Lab Assignment -1
Rollno: 210950320034, Name: Deepankar jadhav

2. Display recent 5 universities built, Sorting them according to foundation year.

SOL:

```
db.Universities.find().sort({foundation_year: 1}).limit(5)
{ _id: ObjectId("61f5f455e079335b9fb9ad1f"),
  country: 'India',
  city: 'Chennai',
  name: 'University of Madras',
  location: { coordinates: [ -5.6722512, 17, 40.9607792 ] },
  students:
    [ { year: 2014, number: 1045236 },
      { year: 2015, number: 1374523 },
      { year: 2016, number: 1984523 },
      { year: 2017, number: 2745236 } ],
  foundation_year: 1857 }
{ _id: ObjectId("61f5f6a3e079335b9fb9ad22"),
  country: 'India',
  city: 'Kolkata',
  name: 'University of Calcutta',
  location: { coordinates: [ -5.6722512, 17, 40.9607792 ] },
  students:
    [ { year: 2014, number: 712654 },
      { year: 2015, number: 1236579 },
      { year: 2016, number: 1763258 },
      { year: 2017, number: 2547963 } ],
  foundation_year: 1857 }
{ _id: ObjectId("61f5681d38754a8372209cb9"),
  country: 'India',
  city: 'Mumbai',
  name: 'Mumbai University',
  location: { coordinates: [ -5.6722512, 17, 40.9607792 ] },
  students:
    [ { year: 2014, number: 1257436 },
      { year: 2015, number: 1874236 },
      { year: 2016, number: 2451265 },
      { year: 2017, number: 4125873 } ],
```

MongoDB Lab Assignment -1

Rollno: 210950320034, Name: Deepankar jadhav

```
foundation_year: 1857 }
{ _id: ObjectId("61f5fc07e079335b9fb9ad27"),
  country: 'India',
  city: 'Lucknow',
  name: 'University of Lucknow',
  location: { coordinates: [ -5.6722512, 17, 40.9607792 ] },
  students:
    [ { year: 2014, number: 412587 },
      { year: 2015, number: 863541 },
      { year: 2016, number: 1274523 },
      { year: 2017, number: 1752369 } ],
  foundation_year: 1867 }
{ _id: ObjectId("61f5f61fe079335b9fb9ad21"),
  country: 'India',
  city: 'Delhi',
  name: 'Delhi University',
  location: { coordinates: [ -5.6722512, 17, 40.9607792 ] },
  students:
    [ { year: 2014, number: 1142567 },
      { year: 2015, number: 1763245 },
      { year: 2016, number: 2635412 },
      { year: 2017, number: 3341254 } ],
  foundation_year: 1922 }
```

MongoDB Lab Assignment -1

Rollno: 210950320034, Name: Deepankar jadhav

```
MongoDB Compass - localhost:27017/employee.Universities
Connect View Collection Help
Local employee.Universities Documents
>_MONGODB_
>db.Universities.find().sort({foundation_year: 1}).limit(5)
{ "_id": ObjectId("61f5f43e079335b9fb9ad1f"),
  "country": "India",
  "city": "Chennai",
  "name": "University of Madras",
  "location": { "coordinates": [ -5.6722512, 17, 40.9607792 ] },
  "students": [ { year: 2014, number: 1945236 },
                 { year: 2015, number: 1374523 },
                 { year: 2016, number: 1584523 },
                 { year: 2017, number: 2745236 } ],
  "foundation_year": 1857 }
{ "_id": ObjectId("61f5f6a3e079335b9fb9ad22"),
  "country": "India",
  "city": "Kolkata",
  "name": "University of Calcutta",
  "location": { "coordinates": [ -5.6722512, 17, 40.9607792 ] },
  "students": [ { year: 2014, number: 712654 },
                 { year: 2015, number: 1236579 },
                 { year: 2016, number: 1763258 },
                 { year: 2017, number: 2547963 } ],
  "foundation_year": 1857 }
{ "_id": ObjectId("61f5f681d38794a2972209cb9"),
  "country": "India",
  "city": "Mumbai",
  "name": "Mumbai University",
  "location": { "coordinates": [ -5.6722512, 17, 40.9607792 ] },
  "students": [ { year: 2014, number: 1257496 },
                 { year: 2015, number: 1874236 },
                 { year: 2016, number: 2451265 },
                 { year: 2017, number: 3125873 } ],
  "foundation_year": 1857 }
{ "_id": ObjectId("61f5f6c07e079335b9fb9ad27"),
  "country": "India",
  "city": "Lucknow",
  "name": "University of Lucknow",
  "location": { "coordinates": [ -5.6722512, 17, 40.9607792 ] },
  "students": [ { year: 2014, number: 1257496 },
                 { year: 2015, number: 1874236 },
                 { year: 2016, number: 2451265 },
                 { year: 2017, number: 3125873 } ],
  "foundation_year": 1857 }
```