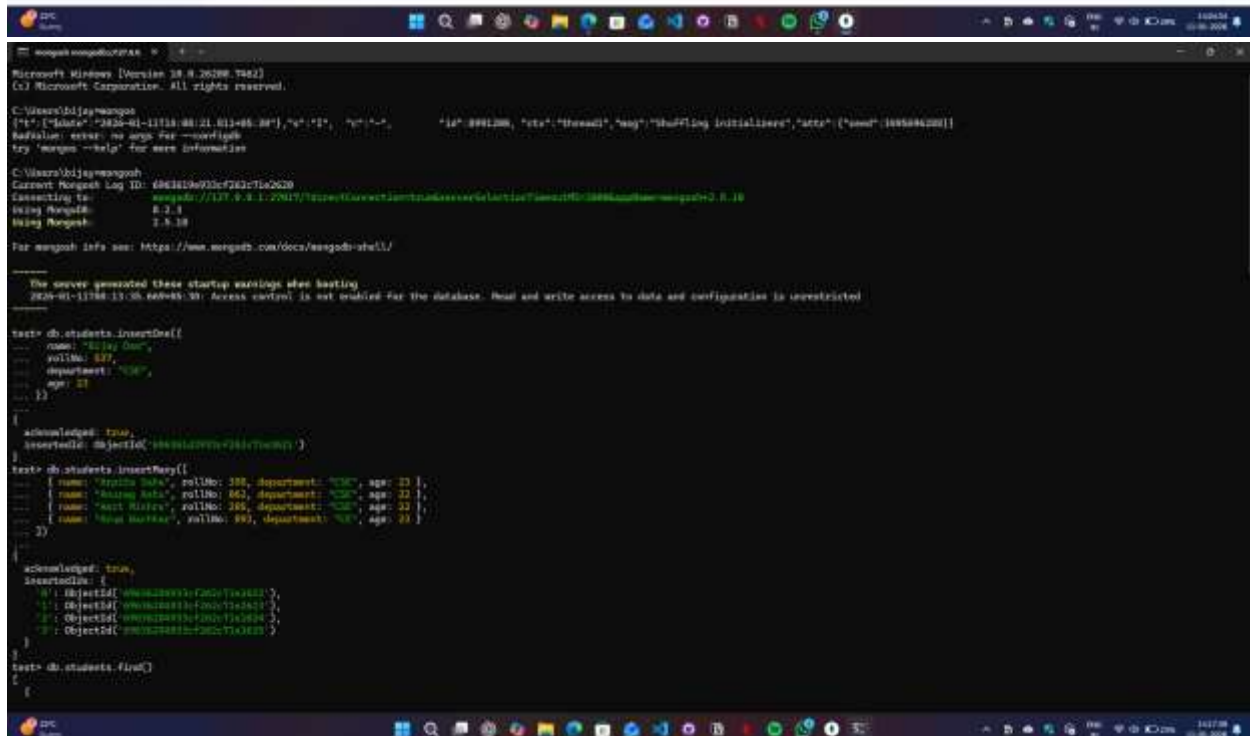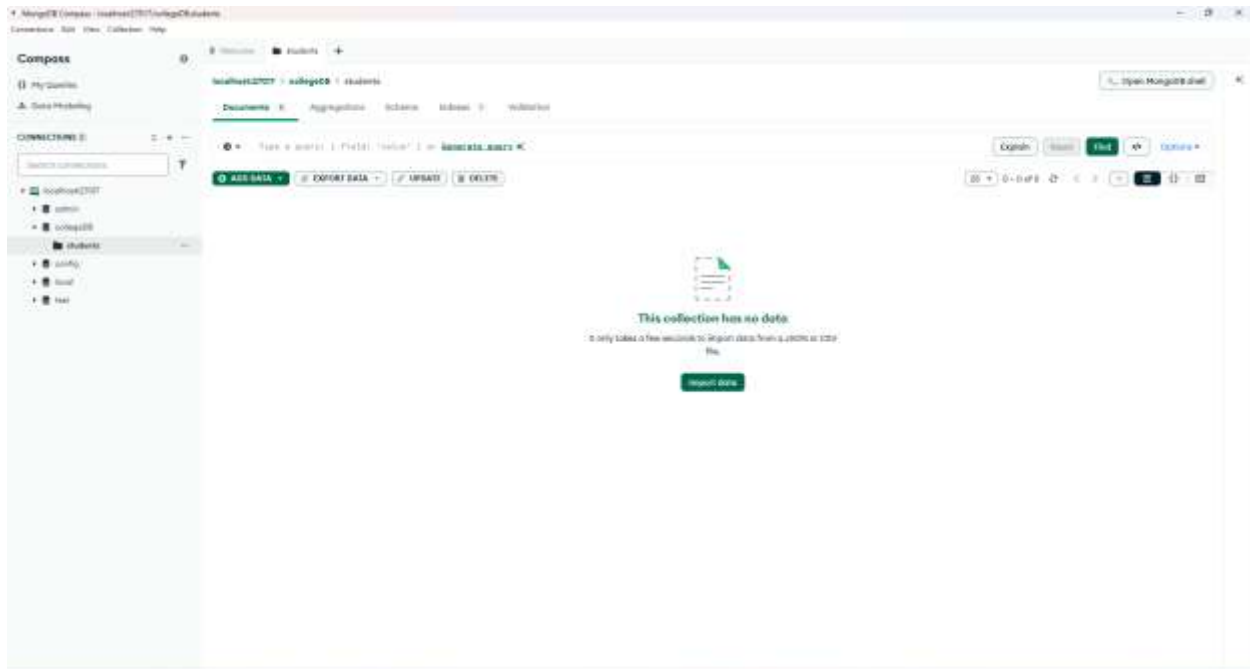# LAB ASSIGNMENT – 1

Name: DISHA BISWAS

Programme: B.Tech CSE(DA)

Roll Number: UG/02/BTCSEDA/2023/004

Registration No: AU/2023/0009796

```
      '2': ObjectId('...'),
      '3': ObjectId('...')
  }
}
test> db.students.find()
[
  {
    _id: ObjectId('...'),
    rollNo: 1,
    name: 'Vijay'
  },
  {
    _id: ObjectId('...'),
    rollNo: 2,
    name: 'Anurag'
  },
  {
    _id: ObjectId('...'),
    rollNo: 3,
    name: 'Abhay'
  },
  {
    _id: ObjectId('...'),
    name: 'Vijay Das',
    rollNo: 877,
    department: 'CSE',
    age: 23
  },
  {
    _id: ObjectId('...'),
    name: 'Arpita Sahu',
    rollNo: 398,
    department: 'CSE',
    age: 23
  },
  {
    _id: ObjectId('...'),
    name: 'Anurag Ashu',
    rollNo: 56,
    department: 'CSE',
    age: 22
  },
  {
    _id: ObjectId('...'),
    name: 'Amit Mishra',
    rollNo: 205,
    department: 'CSE',
    age: 22
  },
  {
    _id: ObjectId('...'),
```

```
  {
    _id: ObjectId('...'),
    name: 'Arup Rathor',
    rollNo: 92,
    department: 'CSE',
    age: 23
  }
]
test> db.students.updateOne(
...   { rollNo: 205 },
...   { $set: { age: 23 } }
... )
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
test> db.students.updateOne(
...   { rollNo: 205 },
...   { $set: { age: 23 } }
... )
... db.students.deleteMany({ rollNo: { $in: [1, 2, 3] } })
{ acknowledged: true, deletedCount: 3 }
test> db.students.find()
[
  {
    _id: ObjectId('...'),
    name: 'Vijay Das',
    rollNo: 877,
    department: 'CSE',
    age: 23
  },
  {
    _id: ObjectId('...'),
    name: 'Arpita Sahu',
    rollNo: 398,
    department: 'CSE',
    age: 23
  },
  {
    _id: ObjectId('...'),
    name: 'Anurag Ashu',
    rollNo: 56,
    department: 'CSE',
    age: 22
  },
  {
    _id: ObjectId('...'),
```

```
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
test> db.students.updateOne(
...   { rollNo: 205 },
...   { $set: { age: 21 } }
... )
... db.students.deleteMany({ rollNo: { $in: [1, 3, 3] } })
{ acknowledged: true, deletedCount: 3 }
test> db.students.find()
[
  {
    _id: ObjectId('68636342933cf202c71a3831'),
    name: 'Eliza Das',
    rollNo: 525,
    department: 'CSE',
    age: 20
  },
  {
    _id: ObjectId('68636384933cf202c71a3822'),
    name: 'Arpita Saha',
    rollNo: 398,
    department: 'CSE',
    age: 25
  },
  {
    _id: ObjectId('686363b6933cf202c71a3833'),
    name: 'Anurag Ashu',
    rollNo: 98,
    department: 'CSE',
    age: 20
  },
  {
    _id: ObjectId('686364b6933cf202c71a3834'),
    name: 'Amit Mishra',
    rollNo: 208,
    department: 'CSE',
    age: 21
  },
  {
    _id: ObjectId('686364b6933cf202c71a3835'),
    name: 'Arup Barkhar',
    rollNo: 92,
    department: 'CSE',
    age: 20
  }
]
test> |
```