14 new

// Creating Teachers collection

db.createCollection("Teachers")

db.Teachers.insertMany([

{ Tname: "John Doe", dno: 1, Experience: 5, Salary: 12000, Date\_of\_Joining: new Date("2022-01-01") },

{ Tname: "Jane Smith", dno: 2, Experience: 8, Salary: 15000, Date\_of\_Joining: new Date("2020-05-15") },

// Add more teacher documents as needed

])

// Creating Department collection

db.createCollection("Department")

db.Department.insertMany([

{ Dno: 1, Dname: "Computer Science" },

{ Dno: 2, Dname: "Physics" },

// Add more department documents as needed

])

// Creating Students collection

db.createCollection("Students")

db.Students.insertMany([

{ Sname: "Alice", Roll\_No: 1, Class: "SE" },

{ Sname: "Bob", Roll\_No: 2, Class: "FE" },

{ Sname: "Charlie", Roll\_No: 3, Class: "SE" },

// Add more student documents as needed

])

2.db.Teachers.find({ dno: 2, Salary: { $gte: 10000 } })

3.db.Students.find({ $or: [{ Roll\_No: 2 }, { Sname: 'xyz' }] })

4.db.Students.updateOne({ Roll\_No: 5 }, { $set: { Sname: "UpdatedName" } })

5.db.Students.deleteMany({ Class: 'FE' })

6.db.Students.createIndex({ Roll\_No: 1 })