1.// Use database

use school

// Create the collection

db.createCollection("students")

2.create

//Insert One Document

db.students.insertOne({

name: "Rahul",

age: 20,

grade: "A"

})

//Insert Many Documents

db.students.insertMany([

{ name: "Sneha", age: 19, grade: "B" },

{ name: "Amit", age: 21, grade: "A" },

{ name: "Pooja", age: 18, grade: "C" }

])

//Find All Documents

db.students.find()

//Find with Condition

db.students.find({ grade: "A" })

//Find with Projection (only selected fields)

db.students.find({ grade: "A" }, { name: 1, \_id: 0 })

//Update One Document

db.students.updateOne(

{ name: "Rahul" }, // condition

{ $set: { grade: "B" } } // update action

)

// Update Many Documents

db.students.updateMany(

{ grade: "C" },

{ $set: { grade: "B" } }

)

### //**Delete One Document**

db.students.deleteOne({ name: "Amit" })

### **//Delete Many Documents**

db.students.deleteMany({ grade: "B" })

//Count Documents

db.students.countDocuments()

//Sort Results

db.students.find().sort({ age: 1 }) // 1 = ascending, -1 = descending

//Limit Results

db.students.find().limit(2)