// Employee Collection Creation with Documents

db.Employee.insertMany([

{

Name: { FName: "John", LName: "Doe" },

CompanyName: "TCS",

Salary: 50000,

Designation: "Developer",

Age: 28,

Expertise: ["JavaScript", "MongoDB"],

DOB: "1995-05-15",

Email: "johndoe@example.com",

Contact: "1234567890",

Address: [{ PAddr: "123 Main St", LAddr: "456 Side St" }]

},

// More documents can be added similarly

]);

// 1. Select documents with Designation 'Programmer' and Salary > 30000

db.Employee.find({ Designation: "Programmer", Salary: { $gt: 30000 } });

// 2. Insert document if no document with specific designation and company exists

db.Employee.update(

{ Designation: "Tester", CompanyName: "TCS", Age: 25 },

{ $setOnInsert: { Designation: "Tester", CompanyName: "TCS", Age: 25, Salary: 40000 } },

{ upsert: true }

);

// 3. Increase Salary by 10000 for Employees working at 'Infosys'

db.Employee.updateMany(

{ CompanyName: "Infosys" },

{ $inc: { Salary: 10000 } }

);

// 4. Reduce Salary by 5000 for Employees at 'TCS'

db.Employee.updateMany(

{ CompanyName: "TCS" },

{ $inc: { Salary: -5000 } }

);

// 5. Find all employees with specific expertise

db.Employee.find({ Expertise: { $all: ["MongoDB", "MySQL", "Cassandra"] } });