M3

Problem Statement:

MongoDB: similar to above. Tasks: upsert Tester/TCS/25; increase TCS salary by 2000; match Address exact embedded doc; find Developer or Tester; delete where designation='Developer'; count documents.

Code:

```
// M3: Mongo shell commands
// 1. Upsert Tester/TCS/25
db.employee.updateOne({Designation:'Tester', Company_name:'TCS', Age:25},
  {$setOnInsert:{Name:{FName:'Auto',LName:'Tester'}, Salary:25000}}, {upsert:true});

// 2. Increase salary for TCS by 2000
db.employee.updateMany({Company_name:'TCS'}, {$inc: {Salary: 2000}});

// 3. Match Address embedded doc exactly
db.employee.find({Address: {city:'Pune', Pin_code:'411001'}});

// 4. Developer or Tester
db.employee.find({$or: [{Designation:'Developer'}, {Designation:'Tester'}]});

// 5. Delete documents where designation='Developer'
db.employee.deleteMany({Designation:'Developer'});

// 6. Count documents
db.employee.countDocuments();
```