MongoDB Assignment

// 1. Switch to a new database called facultydb

use facultydb

// 2. Create a collection named professors and insert the 3 given professors

```
db.professors.insertMany([
  {
    name: "Dr. Kavita Iyer",
    subject: "Mathematics",
    experience: 10,
    active: true
  },
  {
    name: "Dr. Nikhil Sinha",
    subject: "Physics",
    experience: 5,
    active: false
  },
  {
    name: "Dr. Meera Das",
    subject: "Chemistry",
    experience: 8,
    active: true
  }
])
```

// 3. Find all professors in the professors collection

db.professors.find()

// 4. Find only the professors who are active

```
db.professors.find({ active: true })


// 5. Update the experience of the "Physics" professor to 6 years
db.professors.updateOne(
  { subject: "Physics" },
  { $set: { experience: 6 } }
)


// 6. Mark the "Physics" professor as active
db.professors.updateOne(
  { subject: "Physics" },
  { $set: { active: true } }
)


// 7. Delete the professor who teaches "Chemistry"
db.professors.deleteOne({ subject: "Chemistry" })
```