//A24586 Hyeonsu KIM

Assignment-5

//1

db.createCollection("courses")

//2

db.courses.insert(

[ { courseID : "A1" ,name : "WWW", semester : "summer"} , { courseID : "A2" ,name : "Multimedia", semester :"winter"},

{ courseID : "A3" ,name : "database", semester : "winter"}]

)

//3

1) db.students.find({ faculty : {$not : { $eq: "FAI" }}})

2) db.students.find({ $or : [{name:"Tom"} , {name:"Sara"}] } )

3) db.students.find({faculty : "FT", semester : 6})

4) db.students.find({ $and:[{semester:{$gte:3}},

{semester:{$lte : 6}}] } )

//4

1) db.students.updateOne({ name: "Ann" }, { $set: { faculty: "FMK" } })

2) db.students.replaceOne({name:"Alice"},

... {name:"Alice", semester : 7, languages:['Spanish','Korean'], faculty:"FAI"},

... {upsert:true})

3)db.students.updateMany( { faculty: "FAI" }, { $inc: { semester:-1 } } )

4) db.students.updateMany(

... {},

... { $mul: { scholarship: 1.3 } }

... );

//5

1) db.students.deleteMany( {faculty : "FAME"})

2)db.students.deleteOne({ scholarship: {$lt :5000}})