Commands for Intro to mongo

db.students.insert({name:"Tim", home\_state:"Delaware", lucky\_number:5, birthday: {month:9, day: 20, year:1952}})

-------------------------------------------

db.students.find({})

-----------------------------------------------

db.students.find({}).pretty()

-----------------------------------------------------

db.students.find({home\_state:"Oregon"})

---------------------------------------------------------------------------------------

db.students.find({lucky\_number:{$gt:3}})

{ "\_id" : ObjectId("5a00f1ddc19a00660f52ee64"), "name" : "Karen", "home\_state" : "Minneapolis", "lucky\_number" : 7, "birthday" : { "month" : 8, "day" : 15, "year" : 1975 } }

{ "\_id" : ObjectId("5a00f231e1880b03d9b29477"), "name" : "Karen", "home\_state" : "Minneapolis", "lucky\_number" : 7, "birthday" : { "month" : 8, "day" : 15, "year" : 1975 } }

{ "\_id" : ObjectId("5a00f2a5e1880b03d9b29478"), "name" : "Tim", "home\_state" : "Delaware", "lucky\_number" : 5, "birthday" : { "month" : 9, "day" : 20, "year" : 1952 } }

{ "\_id" : ObjectId("5a00f2dee1880b03d9b29479"), "name" : "Harry", "home\_state" : "Maine", "lucky\_number" : 9, "birthday" : { "month" : 5, "day" : 12, "year" : 1945 } }

{ "\_id" : ObjectId("5a00f337e1880b03d9b2947b"), "name" : "Kim", "home\_state" : "South Dakota", "lucky\_number" : 8, "birthday" : { "month" : 7, "day" : 20, "year" : 1989 } }

----------------------------------------------------------------------------------------

db.students.find({lucky\_number:{$lte:10}})

{ "\_id" : ObjectId("5a00f1ddc19a00660f52ee64"), "name" : "Karen", "home\_state" : "Minneapolis", "lucky\_number" : 7, "birthday" : { "month" : 8, "day" : 15, "year" : 1975 } }

{ "\_id" : ObjectId("5a00f231e1880b03d9b29477"), "name" : "Karen", "home\_state" : "Minneapolis", "lucky\_number" : 7, "birthday" : { "month" : 8, "day" : 15, "year" : 1975 } }

{ "\_id" : ObjectId("5a00f2a5e1880b03d9b29478"), "name" : "Tim", "home\_state" : "Delaware", "lucky\_number" : 5, "birthday" : { "month" : 9, "day" : 20, "year" : 1952 } }

{ "\_id" : ObjectId("5a00f2dee1880b03d9b29479"), "name" : "Harry", "home\_state" : "Maine", "lucky\_number" : 9, "birthday" : { "month" : 5, "day" : 12, "year" : 1945 } }

{ "\_id" : ObjectId("5a00f30ce1880b03d9b2947a"), "name" : "Henry", "home\_state" : "Oregon", "lucky\_number" : 3, "birthday" : { "month" : 4, "day" : 15, "year" : 1995 } }

{ "\_id" : ObjectId("5a00f337e1880b03d9b2947b"), "name" : "Kim", "home\_state" : "South Dakota", "lucky\_number" : 8, "birthday" : { "month" : 7, "day" : 20, "year" : 1989 } }

-------------------------------------------------------------------------

db.students.find({lucky\_number:{$gte:1,$lte:9}})

{ "\_id" : ObjectId("5a00f1ddc19a00660f52ee64"), "name" : "Karen", "home\_state" : "Minneapolis", "lucky\_number" : 7, "birthday" : { "month" : 8, "day" : 15, "year" : 1975 } }

{ "\_id" : ObjectId("5a00f231e1880b03d9b29477"), "name" : "Karen", "home\_state" : "Minneapolis", "lucky\_number" : 7, "birthday" : { "month" : 8, "day" : 15, "year" : 1975 } }

{ "\_id" : ObjectId("5a00f2a5e1880b03d9b29478"), "name" : "Tim", "home\_state" : "Delaware", "lucky\_number" : 5, "birthday" : { "month" : 9, "day" : 20, "year" : 1952 } }

{ "\_id" : ObjectId("5a00f2dee1880b03d9b29479"), "name" : "Harry", "home\_state" : "Maine", "lucky\_number" : 9, "birthday" : { "month" : 5, "day" : 12, "year" : 1945 } }

{ "\_id" : ObjectId("5a00f30ce1880b03d9b2947a"), "name" : "Henry", "home\_state" : "Oregon", "lucky\_number" : 3, "birthday" : { "month" : 4, "day" : 15, "year" : 1995 } }

{ "\_id" : ObjectId("5a00f337e1880b03d9b2947b"), "name" : "Kim", "home\_state" : "South Dakota", "lucky\_number" : 8, "birthday" : { "month" : 7, "day" : 20, "year" : 1989 } }

--------------------------------------------------------------------------------------

db.students.update({} , {$set: {interests:["coding", "brunch", "MongoDB"]}},{multi:true})

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })

---------------------------------------------------------------------------------

db.students.update({name:"Harry"} , {$push: {interests:"RollingStones"}})

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })

> db.students.update({name:"Henry"} , {$push: {interests:"Flitstones"}})

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })

> db.students.update({name:"Karen"} , {$push: {interests:"Flitstones"}})

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })

> db.students.update({name:"Karen"} , {$push: {interests:"HardRocks"}})

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })

> db.students.update({name:"Tim"} , {$push: {interests:"HardRocks"}})

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })

----------------------------------------------------------------

> db.students.update({name:"Tim"} , {$push: {interests:"Taxes"}})

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })

> db.students.find({name:"Tim"}).pretty()

{

"\_id" : ObjectId("5a00f2a5e1880b03d9b29478"),

"name" : "Tim",

"home\_state" : "Delaware",

"lucky\_number" : 5,

"birthday" : {

"month" : 9,

"day" : 20,

"year" : 1952

},

"interests" : [

"coding",

"brunch",

"MongoDB",

"HardRocks",

"Taxes"

]

db.students.remove({home\_state: "Oregon"})

WriteResult({ "nRemoved" : 1 })

----------------------------------------------------------------------------

db.students.remove({name: "Karen"})

WriteResult({ "nRemoved" : 2 })

----------------------------------------------------------------------------------

db.students.remove({lucky\_number: {$gt:8}})

WriteResult({ "nRemoved" : 1 })

-------------------------------------------------------------------------------------

> db.students.update({},{$set: {"number\_of\_belts":0}},{multi:true})

WriteResult({ "nMatched" : 2, "nUpserted" : 0, "nModified" : 2 })

----------------------------------------------------------------------

> db.students.update({home\_state: "Delaware"},{$inc: {number\_of\_belts: 1}},{multi:true})

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })

--------------------------------------------------------------------

db.students.update({}, {$rename: {"number\_of\_belts":"belts\_earned"}})

-------------------------------------------------------------------

db.students.update({}, {$unset:{lucky\_number:""}},{multi:true})

----------------------------------

db.students.update({}, {$currentDate:{updated\_on:true}},{multi:true})