*MONGO DB*

*Practice yourself ( Examples )*

**> show dbs**

**> use appdb**

**> db.users.insertOne ({name:”kevin”});**

**> db.users.find()**

**> db,users.insertOne ({name:”kevin”, age:23, address:{ street: “xyz”, city: “tvpm”}, Hobbies: Reading});**

**> db.users.insertMany([{name:”kevin”, }, {name: “abhi”}, {name: “diya”}]);**

**> db.users.find().limit(2)**

**> db.users.find().sort ({name: 1}); -- Assending Order**

**> db.users.find().sort({name: -1}); -- Desending Order**

**>db.users.find().sort({name: 1}).limit(3) -- Sorting and Limiting**

**> db.users.find().skip(1)**

**> db.users.find({name:”kevin”});**

**> db.users.find({\_\_id:0}); -- show database without id**

**> db.users.find({name:”kevin”})**

**> db.users.find({name: {$eq : ‘kevin’}}); -- equal to**

**> db.users.find({name: {$ne : ‘kevin’}}); --not equal to**

**> db.users.find({age: {$gt : 23}}); --greater than**

**> db.users.find({age: {$gte : 23}}); --greater than equal to**

**> db.users.find({age: {$lt : 25}}); --less than**

**> db.users.find({age: {$lte : 25}}); --less than equal to**

**> db.users.find({name: {$in : [‘kevin’,’Dave’]}}); -- list datas of kevin and dave**

**> db.users.find({name: {$nin : [‘kevin’,’Dave’]}}); -- not in**

**> db.users.find({age: {$exists: true}}); -- if exists**

**> db.users.find({age: {$exists: false}}); -- if not exists**

**> db.users.find({$and: [{age:24},{name:”kevin”}]}); -- AND Operator**

**> db.users.find({$or: [{age:24},{name:”kevin”}]}); -- OR Operator**

**> db.users.find({age: {$not: {$lte: 25}}); -- NOT Operator**

**> db.users.find(“address.city”: “New York”});**

**> db.users.find({$expr: {$gt : [“$debt”,”$balance”]}}); -- Compare debt and balance**

**> db.users.findOne({$expr: {$gt : [“$debt”,”$balance”]}});**

**> db.users.countDocuments({$age: {$gt: 23}}); -- count total no of datas**

**> db.users.updateOne({name:”kevin”},{$set: {name: “abhijith”}}); -- update data**

**> db.users.updateOne({\_id:objectId(“....3956”)},{$set: {name: “anju”}}); -- update user id**

**> db.users.find({\_id:objectId(“....3956”)});**

**> db.users.updateOne({\_id:objectId(“....3956”)},{$inc: {age:27}}); -- increment $inc**

**> db.users.updateOne({\_id:objectId(“....3956”)},{$rename: {balance: “remaining”}}); -- Rename**

**> db.users.updateOne({\_id:objectId(“....3956”)},{$push: {hobbies:”Reading”}}); -- update(add data)**

**> db.users.updateOne({\_id:objectId(“....3956”)},{$pull: {hobbies:”Gaming”}}); --update (remove data)**

**> db.users.updateOne({\_id:objectId(“....3956”)},{$unset: {age:””}});**

**> db.users.updateMany({address: {$exists: true}},{$unset: {address:””}}); -- update multiple datas**

**> db.users.replaceOne({name:”kevin”},{name:”hari”}); -- Replace all data to name. only name exists**

**> db.users.deleteOne({name:”abhijith”}); -- delete a data**

**> db.users.deleteMany({age: {$exists: false}}); -- delete multiple datas**

**> show dbs**

**> show collections**

**> db.dropDatabase()**

*https://github.com/coddzz*