# Mongo DB Queries

## Basic Queries

show dbs // show all databases

use <db\_name> // use database

## Create and show collections

db.createCollection("<collection\_name>") // create collection

show collections // show all collections

db.getCollectionNames() // show all collections

## Show Data

db.<collection\_name>.find() // show all documents in collection

db.<collection\_name>.find({key:value}) // all records having matched key value pair

db.<collection\_name>.findOne({key:value}) // first record having matched key value pair

## Inserting Documents

db.<collection\_name>.insertOne({<document>}) // insert one document

db.<collection\_name>.insertMany([{<document>}, {<document>}, ...]) // insert many documents

## Deleting Documents

db.<collection\_name>.deleteOne({<document}>) // delete one document

db.<collection\_name>.deleteMany({<document>}) // delete many documents

## Updating Documents

db.<collection\_name>.updateOne({<document>} //to find , {//operator : {<document>}}) // update one document

db.<collection\_name>.updateMany([{<document>}, {<document>}]) // update many documents

db.inventory.find({"brand":{"$eq":"ACME"}}).pretty()

db.inventory.find({"price":{"$gte":200}}).pretty()

db.inventory.find({"rating":{"$in":[3,4]}}).pretty()

db.inventory.find({"rating":{"$nin":[3,4]}}).pretty()

db.Variety.find({$where:function(){return(this.sub1==this.sub2)}})

db.variety.find({$where:"this.sub1==this.sub2"})

db.product.find({"category.name":{$all:["Cameras & Camcorders"]}}).pretty()

db.product.find({$text:{$search:"CR"}}) //only alphabetic characters

currently in which database : db

find(query,projection)

db.testdata.find({name:"Html"},{name:1,\_id:0});

db.testdata.find({name:"Html"},{type:1,\_id:0});

db.testdata.find({active:true}).limit(1);

pretty does not work with findOne()

db.testdata.find({active:true}).limit(1).skip(1);

db.testdata.updateOne({learning\_hour:40},{$set:{learning\_hour:48}});