Basic commands

mongo	Start Mongo
show dbs	Show databases
use mydb	User database named "mydb"
db	Show selected database
help	Get help
show collections	Show collections from a database

Finds - db.collection

.find()	Displays documents from "collection" (first 10)
it	Type "it" to see more documents after the prev command
.find(query[,fields])	Find all documents by conditions, with optional fields selection
.findOne(query)	Find one document by conditions
.find(query).limit(n:number)	Find n document by conditions
.find().pretty()	Format results in Mongo Shell
.find().sort(key:1|-1)	Sort by key in ascending (1) or descending (-1) order
.find().skip(5)	Skip 5 documents (similar to offset)

Modify - db.collection

.insert(document(s) [,options])	Insert a new document or multiple documents(if provided an array of documents) in the collection. Options: writeConcern, ordered
.insertOne(document, [,options])	Same as insert from 3.2
.insertMany(array of documents, [,options])	Same as in sert from 3.2
.update(query, update [,options])	Update the documents matched by the query. See update operators. Options: upsert(insert if no match), multi(aply to multiple elements), writeConcern
.remove(query [,options])	Remote some documents from a collection. {} for all. options: {justOne, writeConcern}

Modify - db.collection (cont)

.deleteOne(query), deleteMany(query)	Similar to remove

Queries

_id	Search by ID
key: value	Search through key-value combination
{ subkey: value }	Search with subdocument
$in : [e1, e2, ..]	Search IN Array

queries are represented through JSON objects

Query Selectors : Element

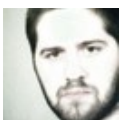|	
$exists:Boolean	Check if property exists or not
$mod:[D,R]	Checks if a property divided by D has the specified R
$type:Int	Checks if property is the specified type

D = Divisor
R = Reminder
Bson Types
http://docs.mongodb.org/manual/reference/glossary/#term-bson

Query Selectors : Comparison

$gt:Val	Greater then Val
$gte:Val	Greater then equals Val
$lt:Val	Lower then Val
$lte:Val	Lower then equals Val
$all:Array	All Array elements are included in field array value
$in:Array	Elements with values contained in Array
$nin:Array	Elements with values Not contained in Array
$ne:Val	Not equal

Val can be any Scalar Integer, String, Date, etc

Query Selectors : Logical

$and:AOE	AND operation between all AOE expressions
$nor:AOE	all AOE expressions must fail
$not:Expr	Negate a SubDocument (doesn't work with $regex)
$or:AOE	OR operation between all AOE expressions

Expr = Expression
AOE = Array Of Expressions
(eg: Expression = price : 20)

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