>db.movies.insert({title:"Fight Club", writer: "Chuck Palahniuk", year: "1999", actors:["Brad pitt”, “Edward Norton”]})

>db.movies.insert({title:"Pulp Fiction", writer:"Quentin Tarantino", year:"2009", actors:["John Travolta", "Uma Thurman"]})

>db.movies.insert({title:"Inglorious Basterds", writer:"Quentin Tarantino", year:"2009", actors:["Brad Pitt", "Diane Kruger", "Eli Roth"]})

>db.movies.insert({title:"The Hobbit: An unexpected Journey", writer:"J.R.R. Tolkein", year:"2012",franchise:"The Hobbit"})

>db.movies.insert({title:"The Hobbit: The Desolation of Smaug", writer:"J.R.R Tolkien", year:"2013", franchise:"The Hobbit"})

>db.movies.insert({title:"The Hobbit: The Battle of the Five Armies", writer:"J.R.R Tolkien", year:"2002", franchise:"The Hobbit", synopsis:"Bilbo and Company are forced to engage in a war against an array of combatants and keep the Lonely Mountain from falling into the hands of a rising darkness."})

>db.movies.insert({title:"Pee Wee Herman's Big Adventures"})

>db.movies.insert({title:"Avatar"})

query the movies collection to

>db.movies.find()

>db.movies.find({writer:"Quentin Tarantino"})

>db.movies.find({actors:"Brad Pitt"})

>db.movies.find({franchise:"The Hobbit"})

>db.movies.find({year:{$gt:"1990", $lt:"2000"}})

>db.movies.find({$or:[{year:{$gt:"2010"}},{year: {$lt:"2000"}}]})

**Query docs**

>db.movies.update({\_id:ObjectId("5c9f98e5e5c2dfe9b3729bfe")}, {$set:{synopsis:"A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of dwarves to reclaim their mountain home - and the gold within it - from the dragon Smaug."}})

>db.movies.update({\_id:ObjectId("5c9fa42ae5c2dfe9b3729c03")}, {$set:{synopsis:"The dwarves, along with Bilbo Baggins and Gandalf the Grey, continue their quest to reclaim Erebor, their homeland, from Smaug. Bilbo Baggins is in possession of a mysterious and magical ring."}})

>db.movies.update({\_id:ObjectId("5c9f983ce5c2dfe9b3729bfc")}, {$push:{actors:"Samuel L. Jackson"}})

**Text Search**

>db.movies.find({synopsis:{$regex:"Bilbo"}})

>db.movies.find({synopsis:{$regex:"Gandalf"}})

>db.movies.find({$and:[{synopsis:{$regex:"Bilbo"}}, {synopsis:{$not:/Gandalf/}}]})

>db.movies.find({$or:[{synopsis:{$regex:"dwarves"}}, {synopsis:{$regex:"hobbit"}}]})

>db.movies.find({$and:[{synopsis:{$regex:"gold"}}, {synopsis:{$regex:"dragon"}}]})

**Delete Documents**

>db.movies.remove({\_id:ObjectId("5c9f992ae5c2dfe9b3729c00")})

>db.movies.remove({\_id:ObjectId("5c9f9936e5c2dfe9b3729c01")})

**Relationships**

**Insert the following documents into a Users collection**

>db.users.insert({\_id:1,username:"GoodGuyGreg", first\_name:"Good Guy", last\_name:"Greg"})

>db.users.insert({\_id:2, username:"ScumbagSteve", fullname:{first: "Scumbag", last:"Steve"}})

**Insert the following documents into a posts collection**

>db.posts.insert({username:"GoodGuyGreg", title:"Passes out at Party", body:"Raises your credit score"})

>db.posts.insert({ username:"GoodGuyGreg", title:"Steals your identity", body:"Raises your credit score"})

>db.posts.insert({username:"GoodGuyGreg", title:"Reports a bug in your code", body:"Sends you a pull request"})

>db.posts.insert({ username:"ScumbagSteve", title:"Borrows something", body:"Sells it"})

>db.posts.insert({ username:"ScumbagSteve", title:"Borrows everything", body:"The end"})

>db.posts.insert({username:"ScumbagSteve", title:"Forks your repo on github", body:"Sets to private"})

**Insert the following documents into a comments collection**

>db.comments.insert({ username:"GoodGuyGreg", comment:"Hope you got a good deal!", post:ObjectId("5ca0b7e96435f98b5901f463")})

>db.comments.insert({username:"GoodGuyGreg", comment:"What's mine is yours!", post:ObjectId("5ca0b9706435f98b5901f46a")})

>db.comments.insert({username:"GoodGuyGreg", comment:"Don't violate the licensing agreement!", post:ObjectId("5ca0b8766435f98b5901f467")})

>db.comments.insert({username:"ScumbagSteve", comment:"It still isn't clean", post:ObjectId("5ca0b8546435f98b5901f466")})

>db.comments.insert({username:"ScumbagSteve", comment:"Denied your PR cause I found a hack", post:ObjectId("5ca0b9256435f98b5901f469")})

**Querying related collections**

>db.users.find().pretty()

>db.posts.find().pretty()

>db.posts.find({username:"GoodGuyGreg"})

>db.posts.find({username:"ScumbagSteve"})

>db.comments.find().pretty()

>db.comments.find({username:"GoodGuyGreg"})

>db.comments.find({username:"ScumbagSteve"})