Insert movies

Create collection movies

db.createCollection(‘movies’)

db.movies.insertMany([ { title: 'Fight Club', writer: 'Chuck Palahniuk', year: 1999, actors: [ 'Brad Pitt', 'Edward Norton' ] }, { title: 'Pulp Fiction', writer: 'Quentin Tarantino', year: 1994, actors: [ 'John Travolta', 'Uma Thurman' ] }, { title: 'Inglorious Basterds', writer: 'Quentin Tarantino', year: 2009, actors: [ 'Brad Pitt', 'Diane Kruger', 'Eli Roth' ] }, { title: 'The Hobbit: An Unexpected Journey', writer: 'J.R.R.Tolkein', year: 2012, franchise: 'The Hobbit' }, { title: 'The Hobbit:The Desolation of Smaug', writer: 'J.R.R.Tolkein', year: 2013, franchise: 'The Hobbit' }, { title: 'The Hobbit: The Battle of the Five Armies', writer: 'J.R.R.Tolkein', year: 2012, 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.' }, { title: 'Pee Wee Herman Big Adventure' }, { title: 'Avatar' } ]);

Find Document

Q1 db.movies.find()

Q2 db.movies.find({writer:‘Quentin Tarantino’})

Q3 db.movies.find({actors:‘Brad Pitt’})

Q4 db.movies.find({franchise: ‘The Hobbit’})

Q5 db.movies.find({year:{$gte:1990,$lte:1999}})

Q6 db.movies.find({ $or: [{ year: { $lt: 2000 } }, { year: { $gt: 2010 } }] }).pretty();

Update Documents

Q1 db.movies.update({title:’ The Hobbit: An Unexpected Journey’},{$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.’}})

Q2 db.movies.update({title:’ The Hobbit: The Desolation of Smaug’},{$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’}})

Q3 db.movies.update({title:’Pulp Fiction’},{$set:{actor:’Samuel L.Jackson’}})

Text Search

Q1 db.movies.find({synopsis:/Bilbo/g})

Q2 db.movies.find({synopsis:/Gandalf/g})

Q3 db.movies.find({ $and: [{ synopsis: /Bilbo/g }, { synopsis: { $not: /Gandalf/g } }] }).pretty();

Q4 db.movies.find({$and:[{synopsis:/gold/g},{synopsis:/dragon/g}]})

Delete Documents

Q1 db.movies.deleteMany({title:’ Pee Wee Herman's Big Adventure’})

Q2 db.movies.deleteMaany({title:’Avatar’})

Relationships

Collection:users

db.users.insertMany([{username:'GoodGuyGreg'},{first\_name:'Good Guy'},{last\_name:'Greg'},{username:'ScumbagSteve'},{first:'Scumbag'},{last:'Steve'}]);