writer : J.R.R. Tolkein

title : The Hobbit: The Desolation of Smaug

franchise : The Hobbit

year : 2012

writer : J.R.R. Tolkein

title : The Hobbit: An Unexpected Journey

]

Eli Roth

Diane Kruger

Brad Pitt

actors : [

year : 2009

writer : Quentin Tarantino

title : Inglorious Basterds

]

Uma Thurman

John Travolta

actors : [

year : 1994

writer : Quentin Tarantino

title : Pulp Fiction

]

Edward Norton

Brad Pitt

actors : [

year : 1999

writer : Chuck Palahniuko

title : Fight Club

Insert the following documents into a movies collection.

Insert Documents

Document all your queries in a javascript file to use as a reference.

Connect to a running mongo instance, use a database named mongo\_practice.

MongoDB Exercise in mongo shell

MongoDB Lab Assignments -Day 1

mysterious and magical ring."

db.movies.update({ title: "The Hobbit: The Desolation of Smaug"},{$push:{synopsis : "The dwarves, along with Bilbo Baggins and Gandalf the grey, continue their quest to reclaim Erbor, their homeland, from Smaug. Bilbo is in possession of a mysterious and magical ring"}})

Erebor, their homeland, from Smaug. Bilbo Baggins is in possession of a

along with Bilbo Baggins and Gandalf the Grey, continue their quest to reclaim

2. add a synopsis to "The Hobbit: The Desolation of Smaug" : "The dwarves,

dragon Smaug."

Ans: db.movies.update({ title: "The Hobbit: An Unexpected Journey"},{$push:{synopsis : "A reluctant hobbit, Bilbo Baggins, set 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"}})

dwarves to reclaim their mountain home - and the gold within it - from the

Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of

1. add a synopsis to "The Hobbit: An Unexpected Journey" : "A reluctant hobbit,

Update Documents

6. get all movies released before the year 2000 or after 2010

Ans: db.movies.find( { $and: [{year: {$gte:1900}},{year:{$lt: 2000}}]})

5. get all movies released in the 90s

Ans: db.movies.find( { year : { $lte : 1999}})

4. get all documents with franchise set to "The Hobbit"

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

3. get all documents where actors include "Brad Pitt"

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

2. get all documents with writer set to "Quentin Tarantino"

1. get all documents

Ans: db.movies.find()

query the movies collection to

Query / Find Documents

https://www.tutorialspoint.com/mongodb/mongodb\_insert\_document.htm

Reference

title : Avatar

title : Pee Wee Herman's Big Adventure

darkness.

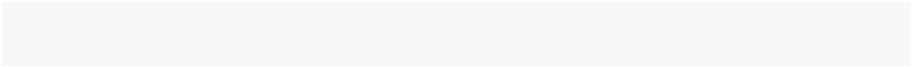
combatants and keep the Lonely Mountain from falling into the hands of a rising

synopsis : Bilbo and Company are forced to engage in a war against an array of

franchise : The Hobbit

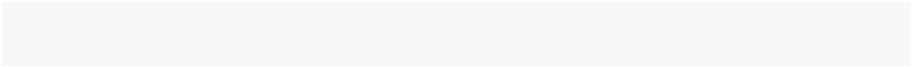
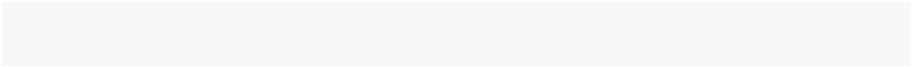
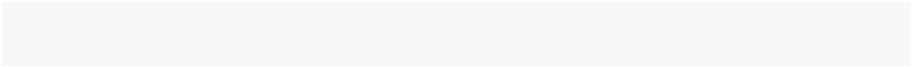
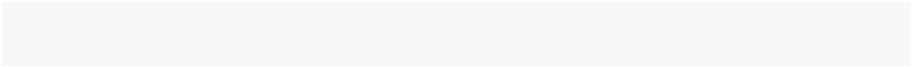
year : 2012

writer : J.R.R. Tolkein

title : The Hobbit: The Battle of the Five Armies

franchise : The Hobbit

year : 2013



3. add an actor named "Samuel L. Jackson" to the movie "Pulp Fiction"

db.movies.update({title: Pulp Fiction” },{$push: actors: “Samuel L. Jackson”})

Text Search

1. find all movies that have a synopsis that contains the word "Bilbo”

Ans: db.movies.createIndex({synopsis: “text”})

db.movies.find({$text:{search:”Biibo”}})

2. find all movies that have a synopsis that contains the word "Gandalf"

Ans: db.movies.createIndex({synopsis: “text”})

db.movies.find({$text:{search:”Gandalf”}})

3. find all movies that have a synopsis that contains the word "Gandalf"

word "Gandalf"

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

4. find all movies that have a synopsis that contains the word "dwarves" or "hobbit"

Ans: db.movies.find({$and:[{synopsis:/(dwarves|hobbit)g/}) .pretty()

5. find all movies that have a synopsis that contains the word "gold" and "dragon"

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

Delete Documents

1. delete the movie "Pee Wee Herman's Big Adventure"

Ans: db.movies.deleteMany({title: “Pee Wee Herman's Big Adventure"})

2. delete the movie "Avatar"

Ans: db.movies.deleteMany({title: “Avatar"})

Relationships:

Querying related collections

1. find all users

Ans: db.users.find()

1. find all posts

Ans: db.posts.find()

3. find all posts that was authored by "GoodGuyGreg"

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

1. find all posts that was authored by "ScumbagSteve"

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

5. find all comments

Ans: db.comments.find()

1. find all the comments that was authored by “GoodGuyGreg”

Ans:db.comments.find({username:”GoodGuyGreg”})

1. find all the comments that was authored by “ScumbagSteve”

Ans: db.comments.find({username:”ScumbagSteve”})

1. find all the comments belonging to the post “Reports a bug in your code”

Ans: