Assignment-1

Insert documents

1. get all documents

db.moviecollection.find()

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

db.moviecollection.find({"writer":"quentin tarantino"})

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

db.moviecollection.find({"actor": { $in: ["brad pitt"]}})

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

db.moviecollection.find({"franchine":"the hobbit"})

1. get all movies released in the 90s

db.moviecollection.find({"year": { $lt: 2000}})

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

db.moviecollection.find({"year": { $in: [2000,2010]}})

Text Search

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

db.moviecollection.find({synopsis:{$regex:"bilibo"}})

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

db.moviecollection.find({synopsis:{$regex:"gandalf"}})

3. find all movies that have a synopsis that contains the word "Bilbo" and not the

word "Gandalf"

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

"hobbit"

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

"dragon"

Delete Documents

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

db.moviecollection.remove({"title":"pee wee herman's big adventure"})

1. delete the movie "Avatar"

db.moviecollection.remove({"title":"avatar"})

Update Documents

1. add a synopsis to "The Hobbit: An Unexpected Journey" : "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.moviecollection.update({'title':'the hobbit:an unexpected jpurney'},{$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.'}})

2. add a synopsis to "The Hobbit: The Desolation of Smaug" : " 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.moviecollection.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 '}})

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

db.moviecollection.update({'title':'plup fiction'},{$push:{'actors':'samuel L ,jackson'}})

Querying related collections

1. find all users

db.users.finf().pretty()

1. find all posts

db.posts.find().pretty()

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

db.posts.find({username:”goodguygreg”})

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

db.posts.find({username:”scumbagsteve”})

1. find all comments

db.commits.find().pretty()

1. find all comments that was authored by "GoodGuyGreg"

db.commit.find({username:”goodguygreg”})

1. find all comments that was authored by "ScumbagSteve"
2. db.commit.find({username:”scumbagsteve”})

8. find all comments belonging to the post "Reports a bug in your code"