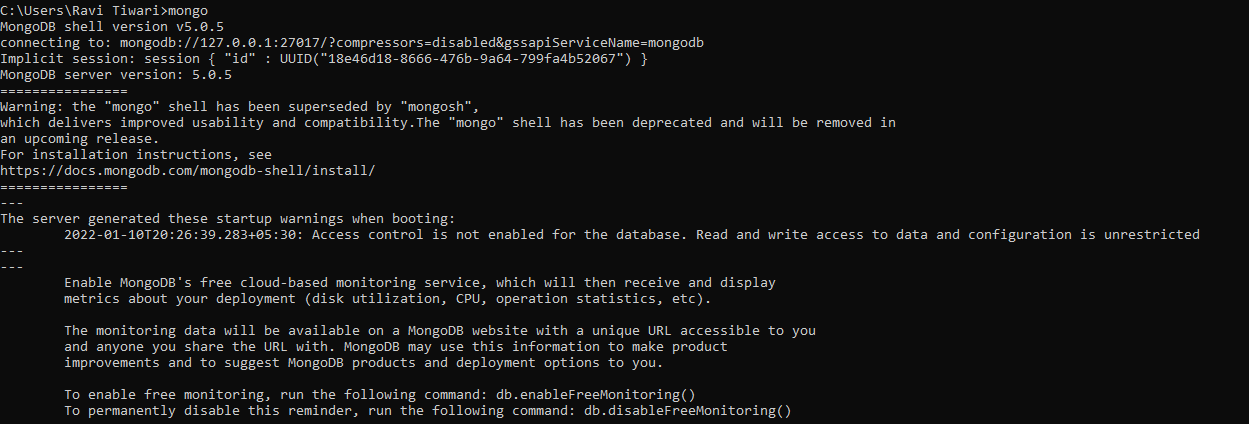
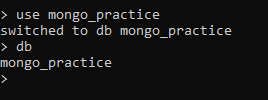
Assignment 1

Connect to a running mongo instance, use a database named mongo\_practice. Document all your queries in a javascript file to use as a reference.





Insert Documents

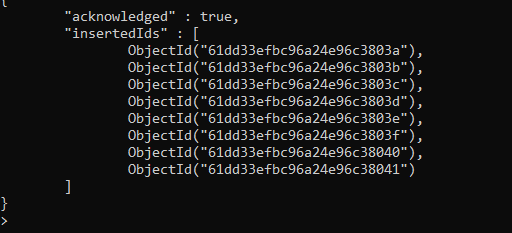
Creating a collection named ‘movies’



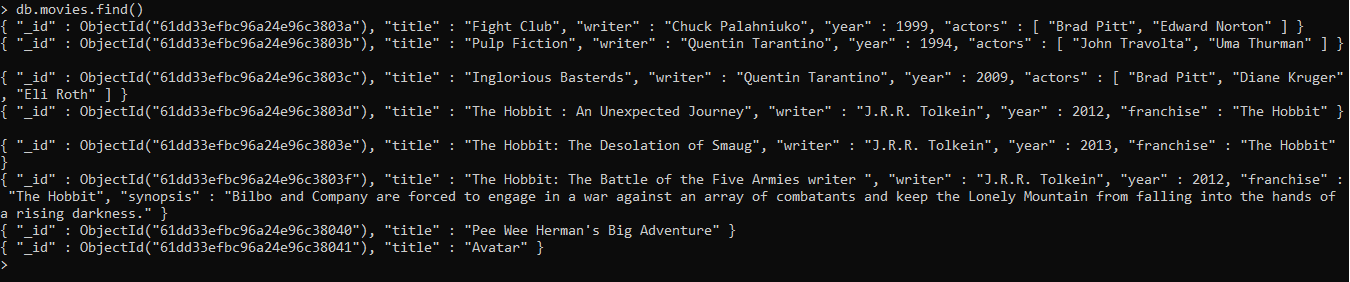
Inserting the provided data into collection



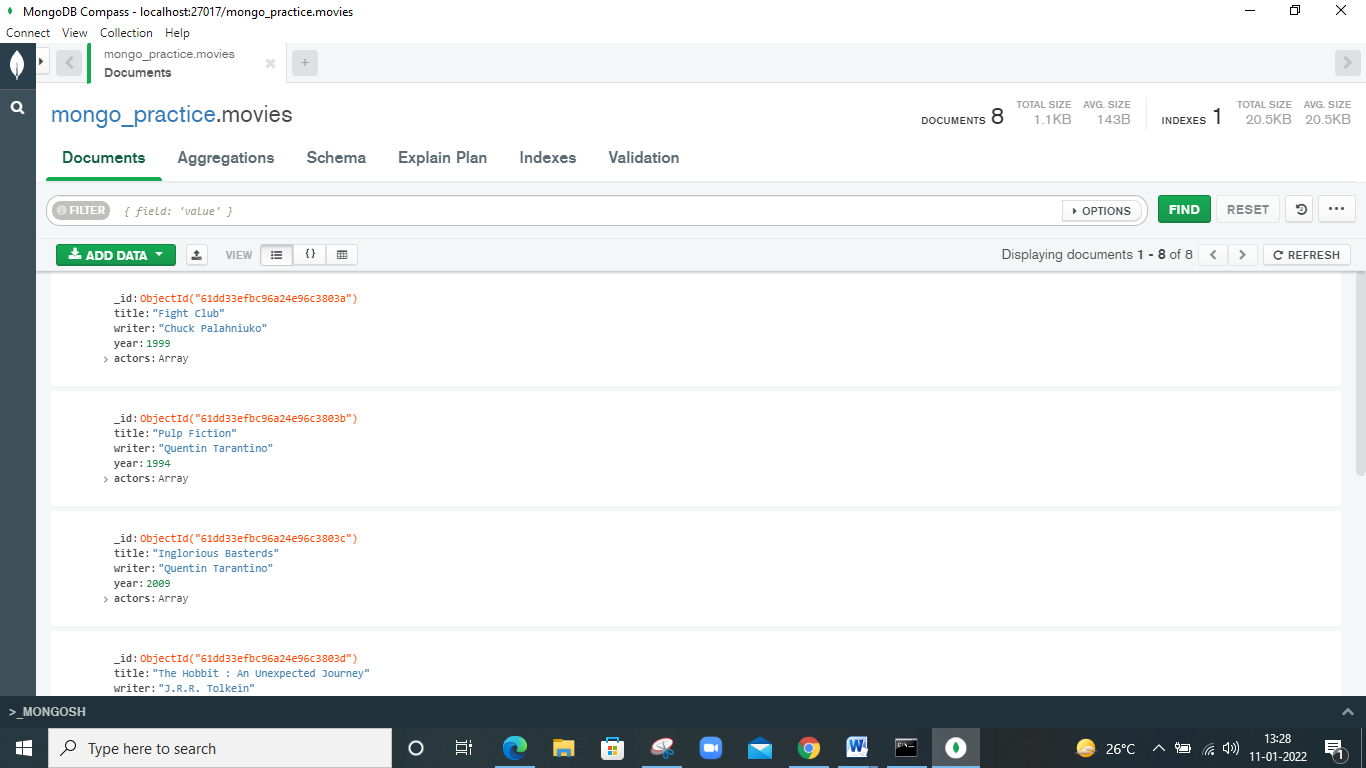
All the rows have been inserted



Displaying all the inserted fields in collection



Mongo Compass interface



Query / Find Documents

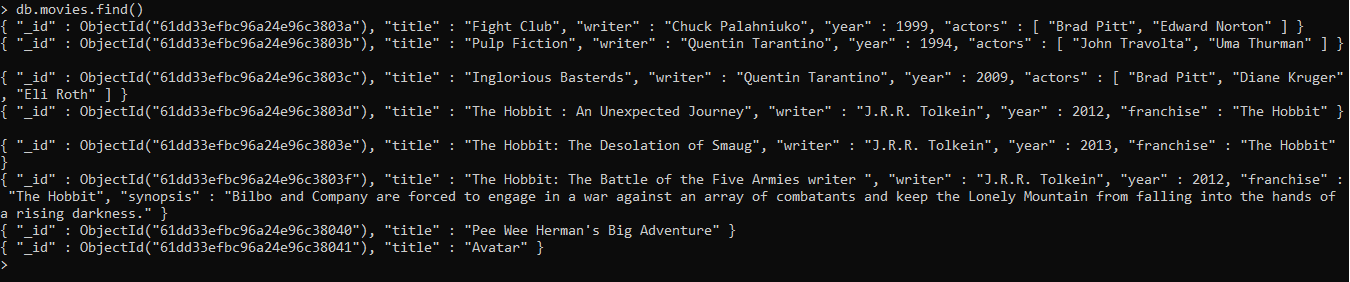
query the movies collection to

1. get all documents

command :



Result :

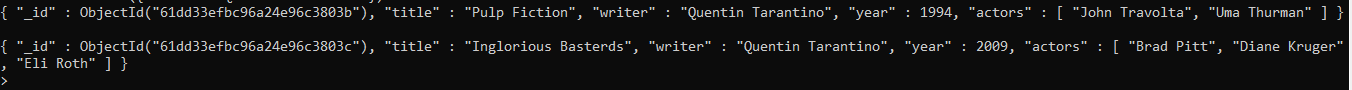


1. get all documents with writer set to "Quentin Tarantino"

command :



Result :

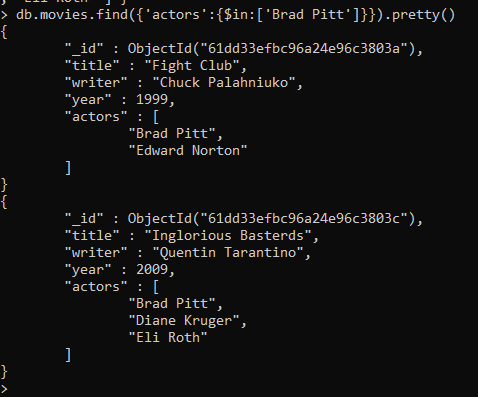


1. get all documents where actors include "Brad Pitt"

command :



Result :



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

command :



Result :

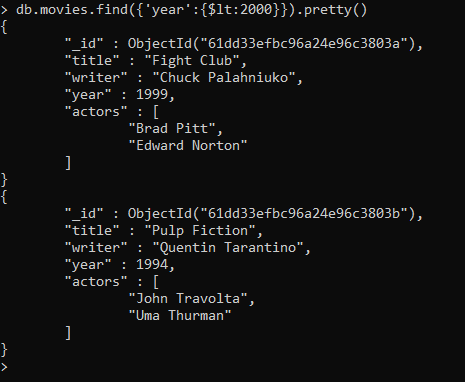


1. get all movies released in the 90s

command :

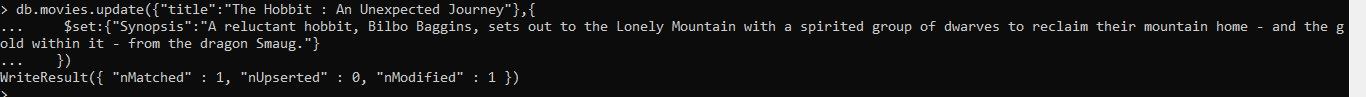


Result :

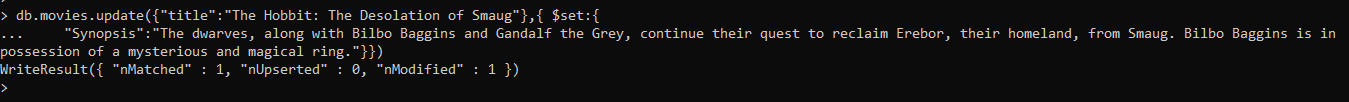


Update Documents

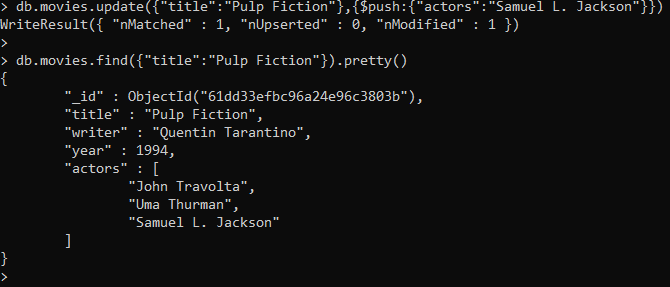
1. add a synopsis to "The Hobbit: An Unexpected Journey" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of dwarves to reclaim their mountain home - and the gold within it - from the dragon Smaug."



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."



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

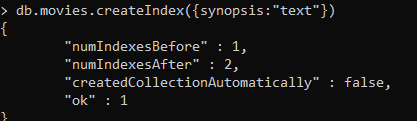


Text Search

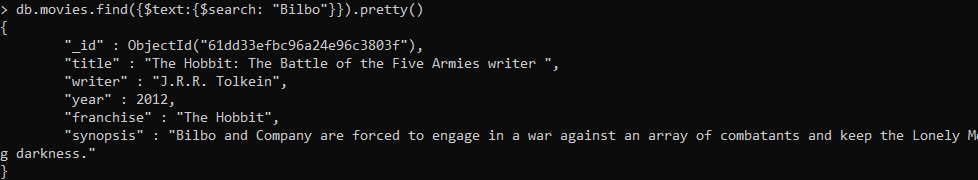
1. find all movies that have a synopsis that contains the word "Bilbo"

At first we have to create an Index for the word Biblo

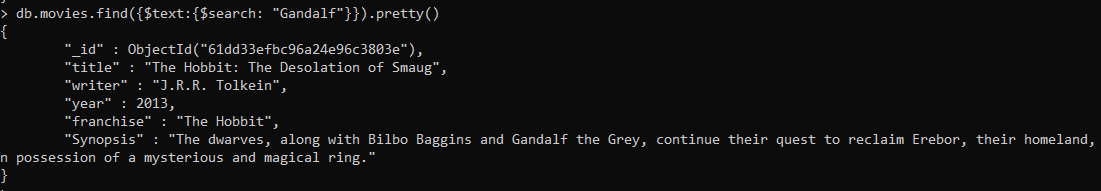
Creating index



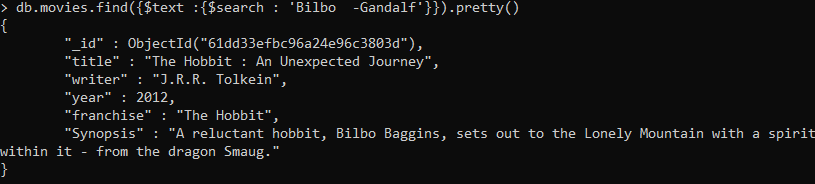
Finding movies that contain the word Biblo



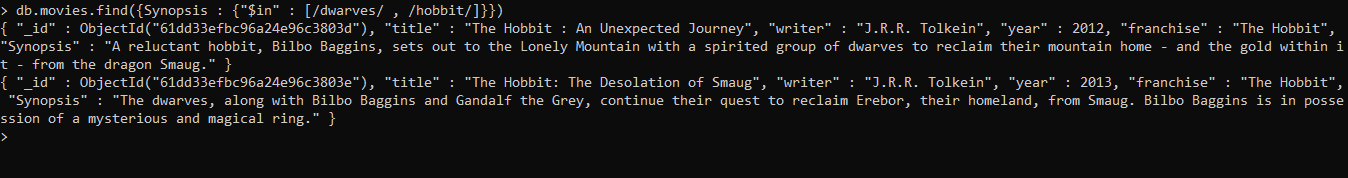
1. find all movies that have a synopsis that contains the word "Gandalf"



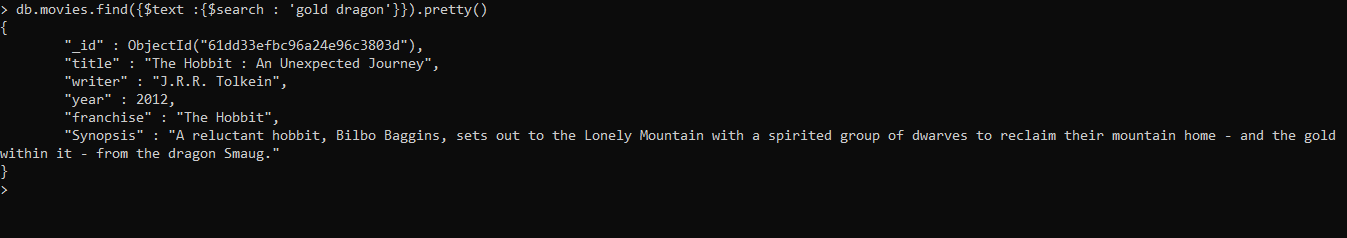
1. find all movies that have a synopsis that contains the word "Bilbo" and not the word "Gandalf



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



1. 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"

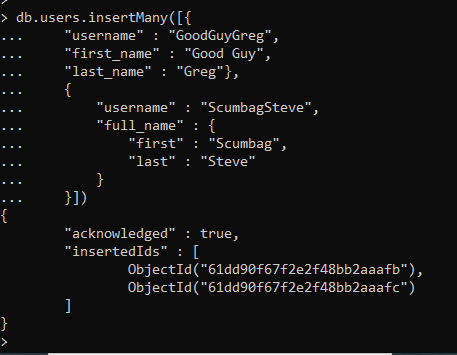


1. delete the movie "Avatar"

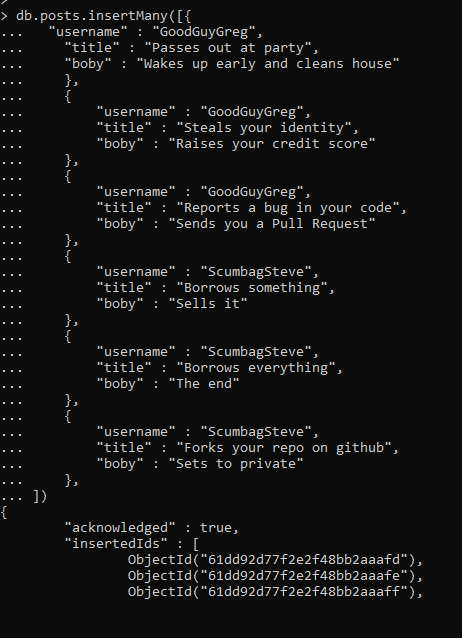


Relationships

Insert the following documents into a users collection



Insert the following into posts collection



Insert the following documents into a comments collection



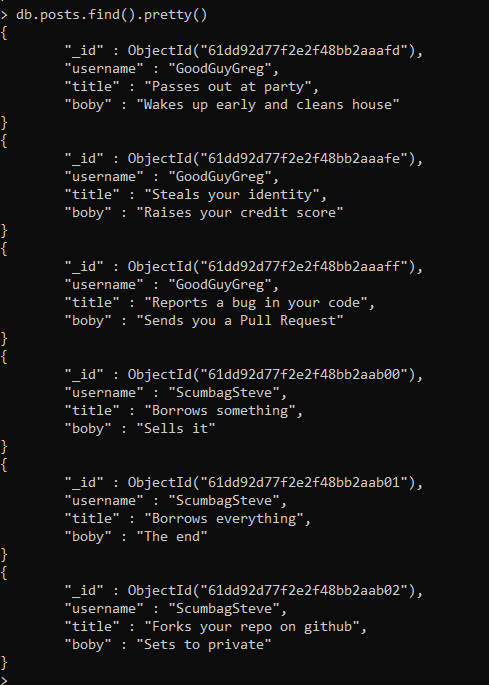


Querying related collections

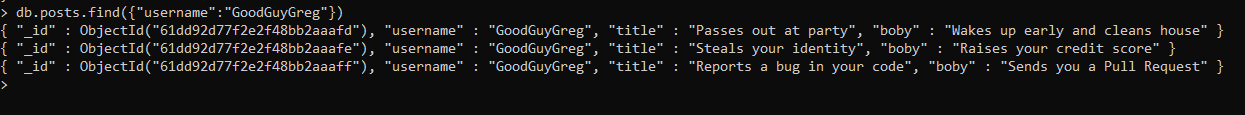
1. find all users



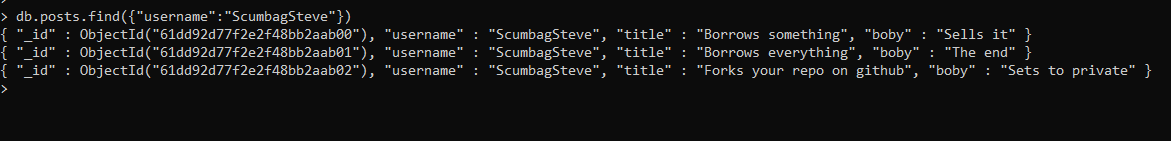
2. find all posts



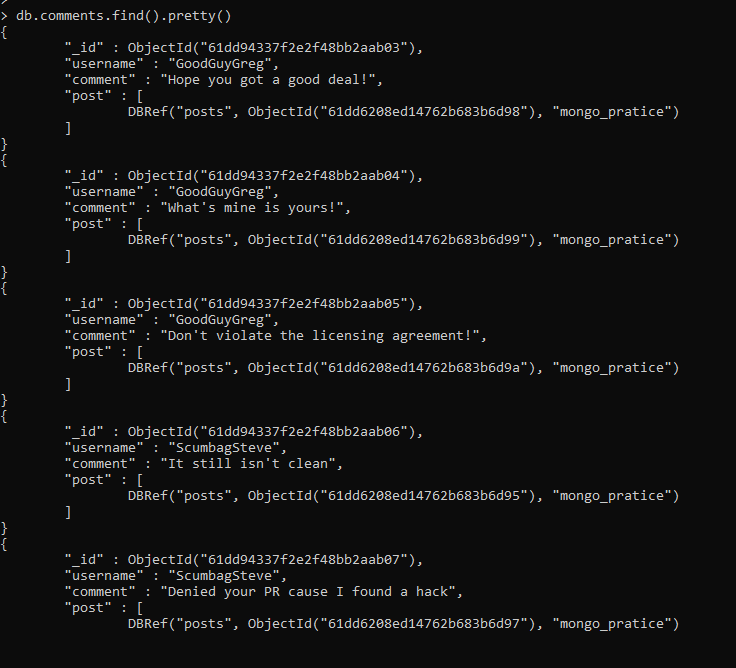
1. find all posts that was authored by "GoodGuyGreg"



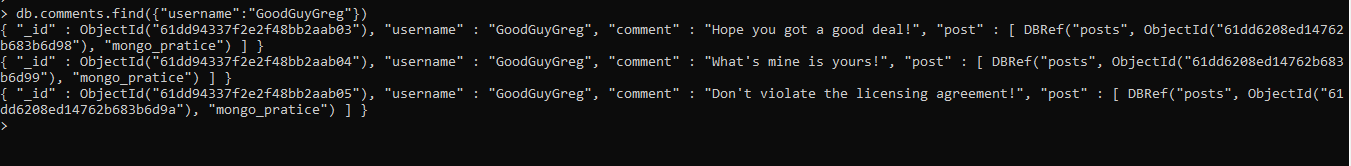
1. find all posts that was authored by "ScumbagSteve"



1. find all comments



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



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

