**MongoDB assignment day 1**

**Query Insert Documents:**

db.Movies.insert([

{

title: "Fight Club" ,

writer : "Chuck Palahniuko" ,

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's Big Adventure"

},

{

title : "Avatar"

}

])

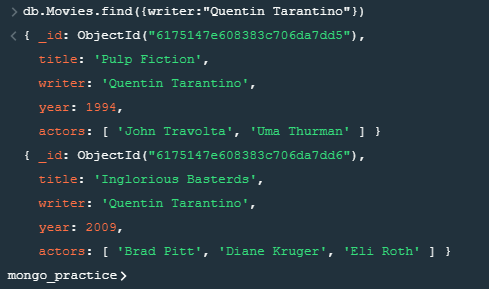
**Query / Find Documents:**

query the movies collection to

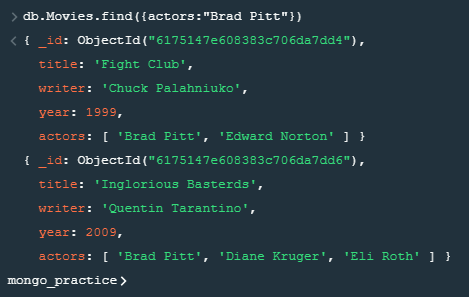
**1: Get all documents**

db.Movies.find()

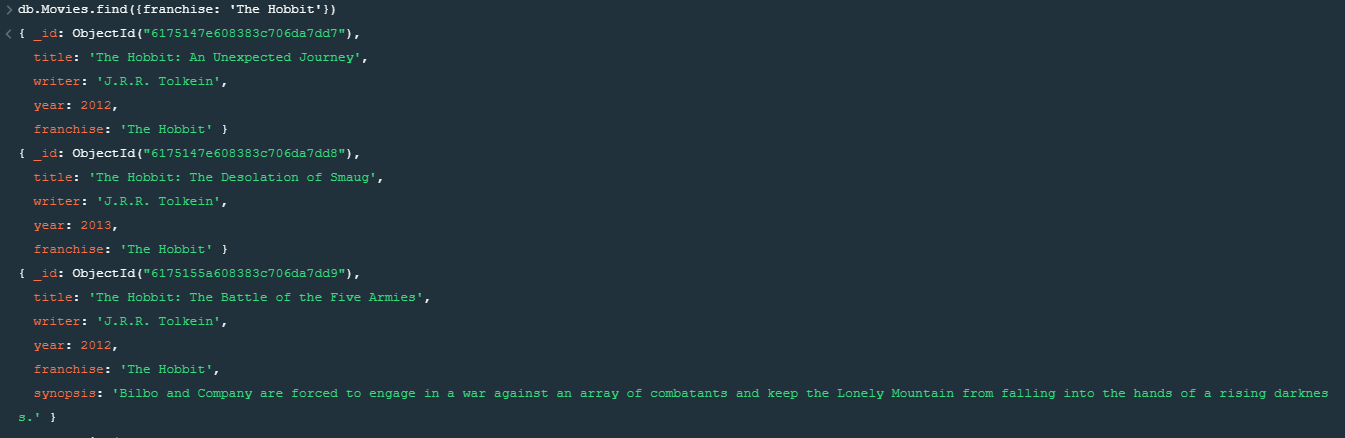
**2: get all documents with writer set to "Quentin Tarantino".**

****

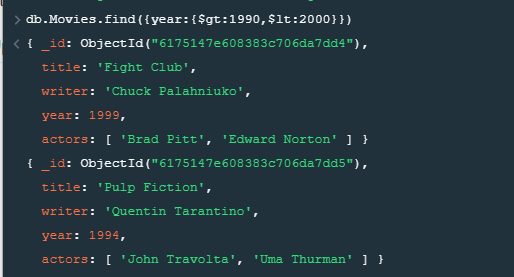
**3. get all documents where actors include "Brad Pitt".**

****

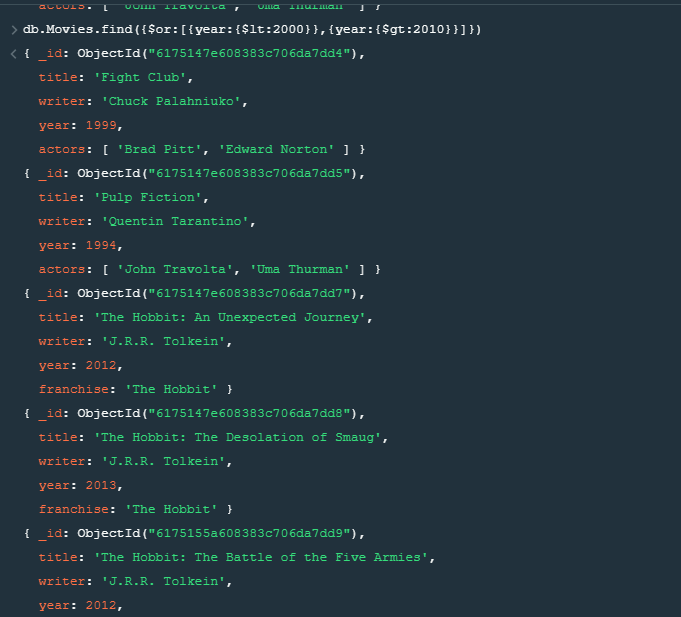
**4. get all documents with franchise set to "The Hobbit".**

****

**5. get all movies released in the 90s.**

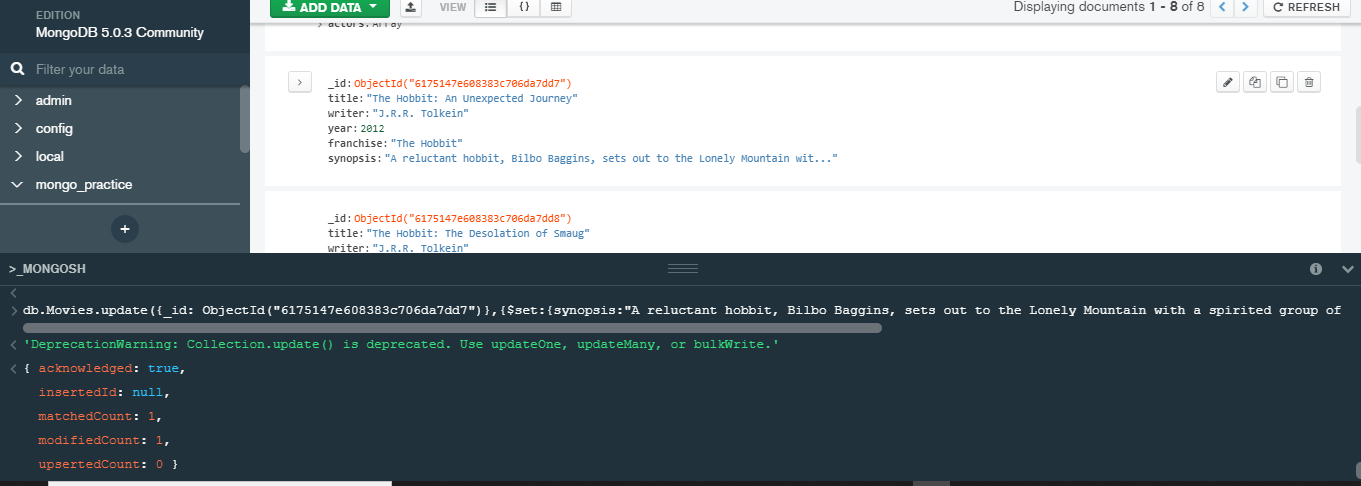
****

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

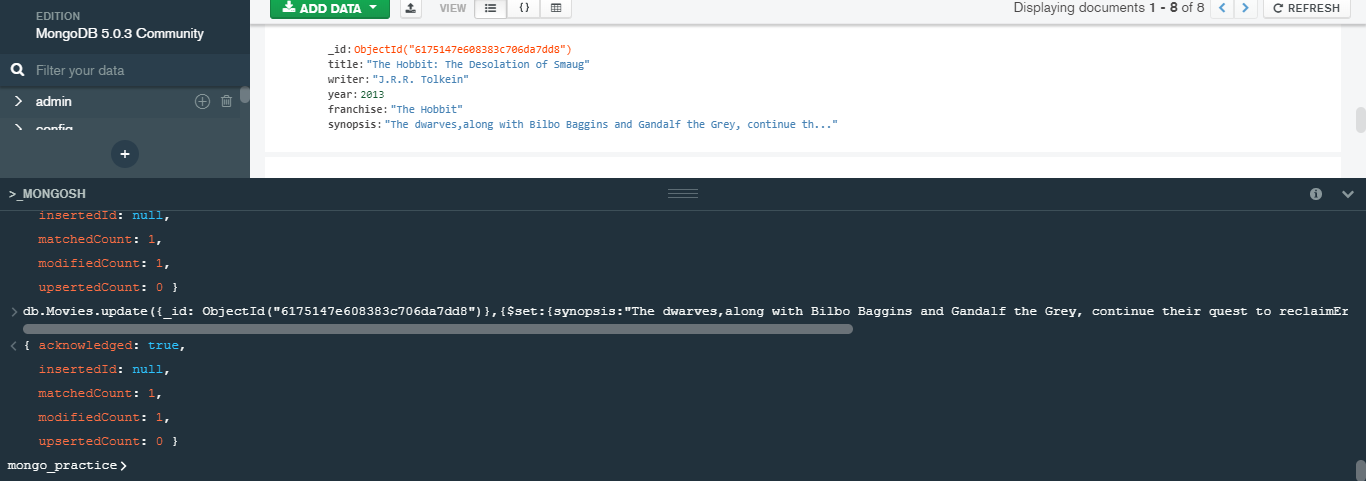
****

**Update Documents**

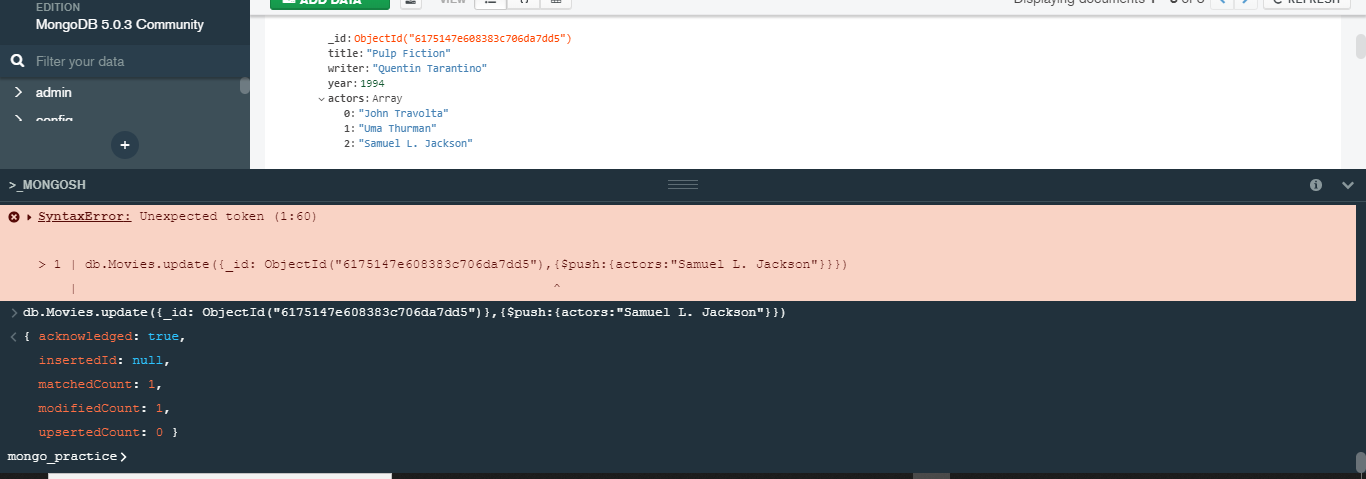
1. **add a synopsis to "The Hobbit: An Unexpected Journey": "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of dwarves to reclaim their mountain home - and the gold within it - from the dragon Smaug."**

****

1. **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."**

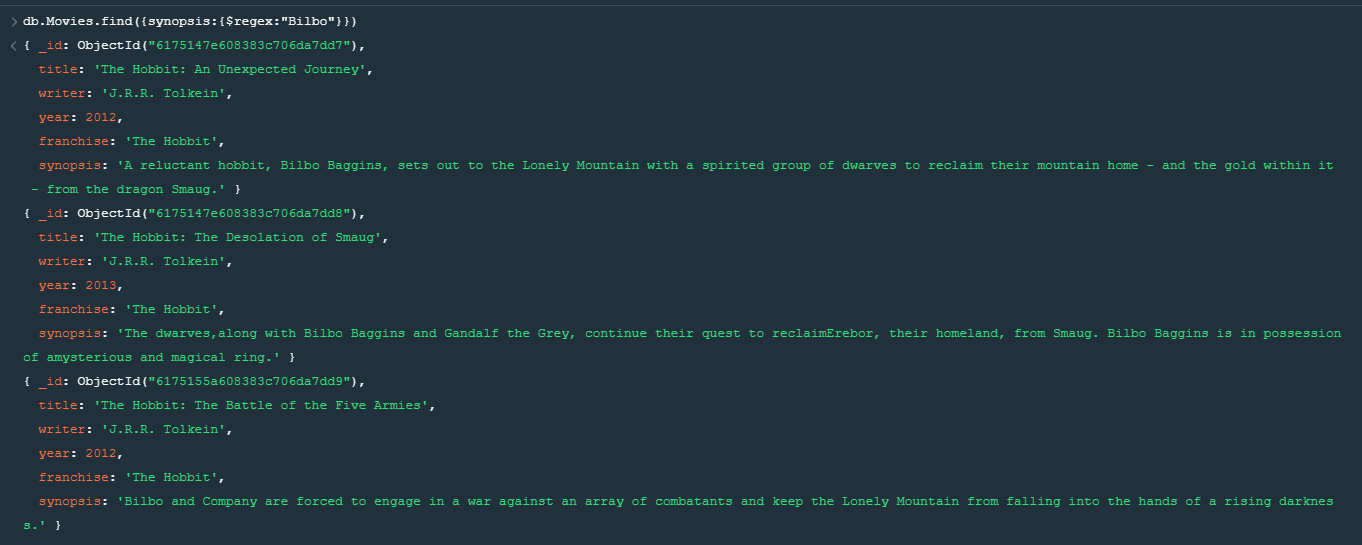
****

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

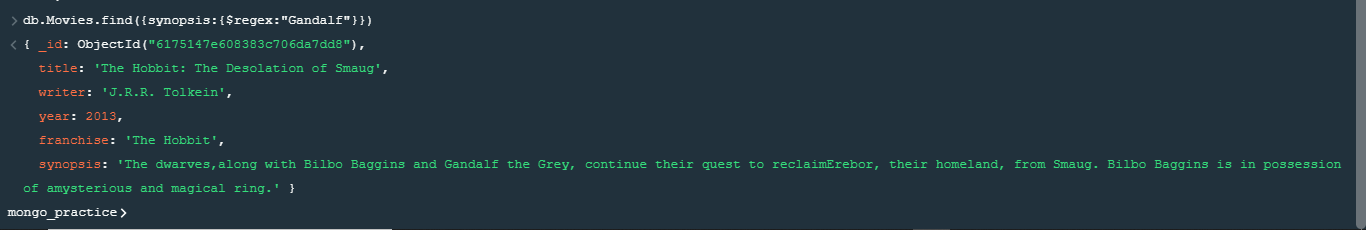
****

**TEXT Search**

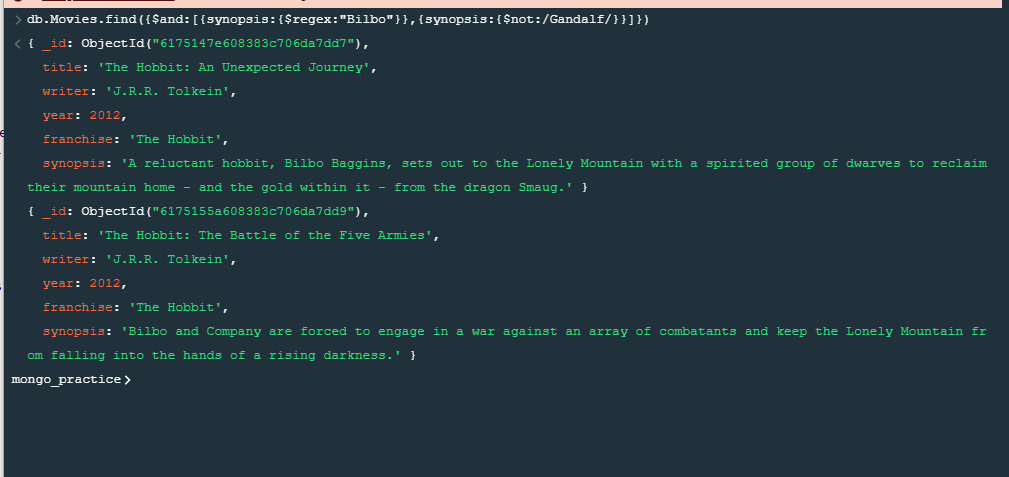
1. **find all movies that have a synopsis that contains the word "Bilbo".**

****

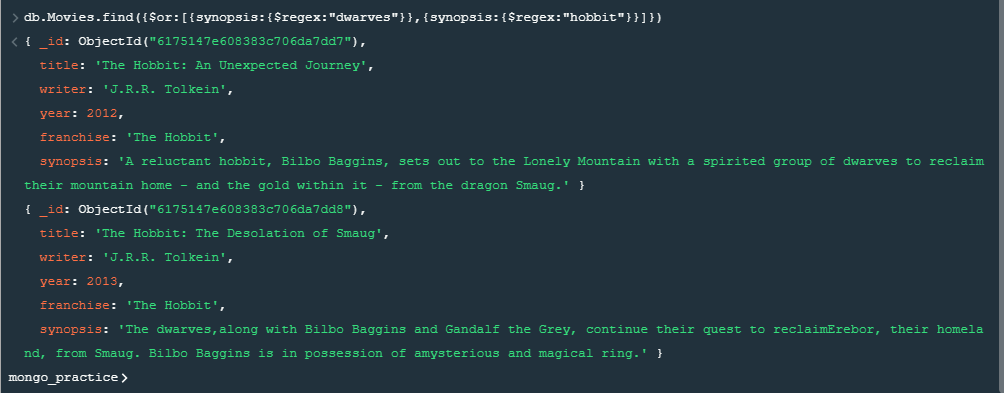
1. **find all movies that have a synopsis that contains the word "Gandalf".**

****

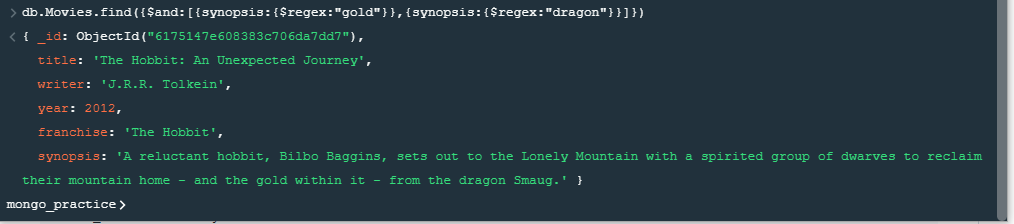
1. **find all movies that have a synopsis that contains the word "Bilbo" and not the word "Gandalf".**

****

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

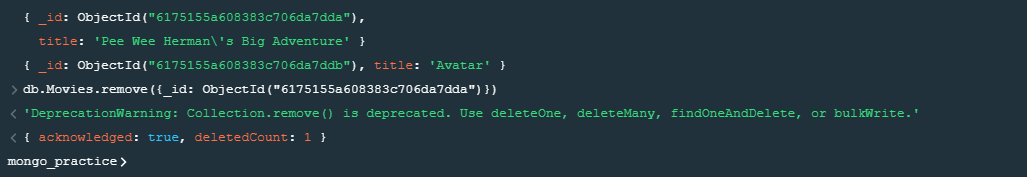
****

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

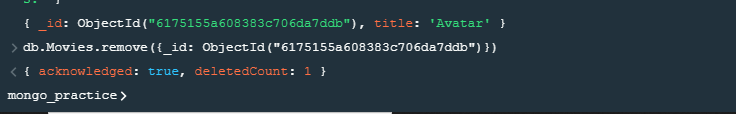


**DELETE Documents**

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

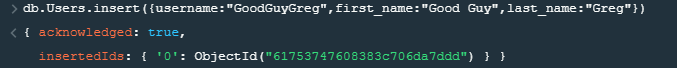
****

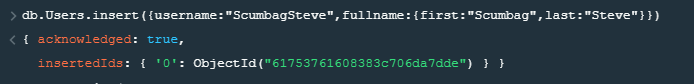
1. **delete the movie "Avatar".**

****

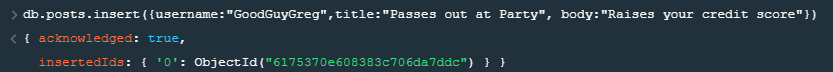
**Relationships**

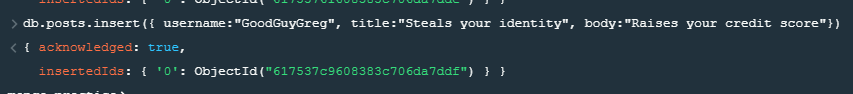
1. **Insert the following documents into a users collection.**

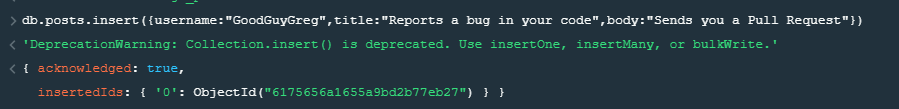
****

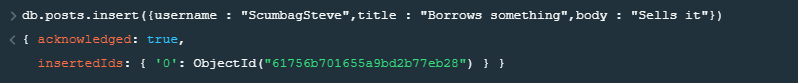
****

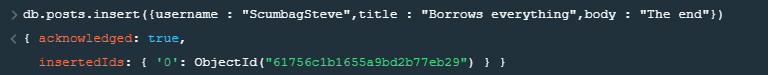
1. **Insert the following documents into a Posts collection.**

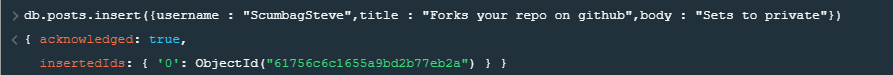
****

****

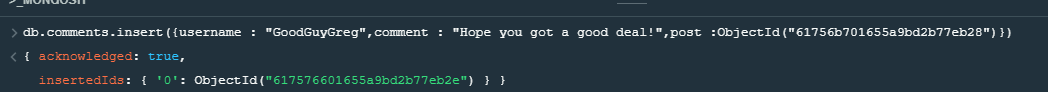
****

****

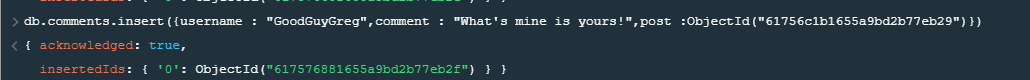
****

****

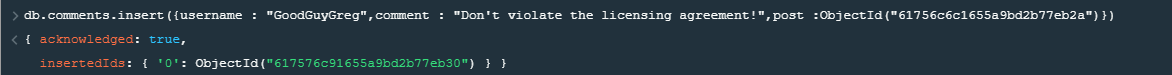
1. **Insert the following documents into a comments collection.**

****

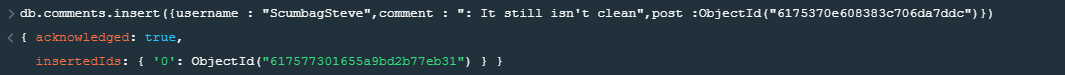
where [post\_obj\_id] is the ObjectId of the posts document: "Borrows something".



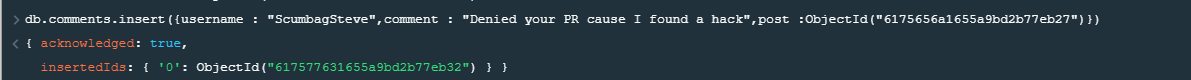
where [post\_obj\_id] is the ObjectId of the posts document: "Borrows everything".



where [post\_obj\_id] is the ObjectId of the posts document: "Forks your repo on github”.



where [post\_obj\_id] is the ObjectId of the posts document: "Passes out at party".



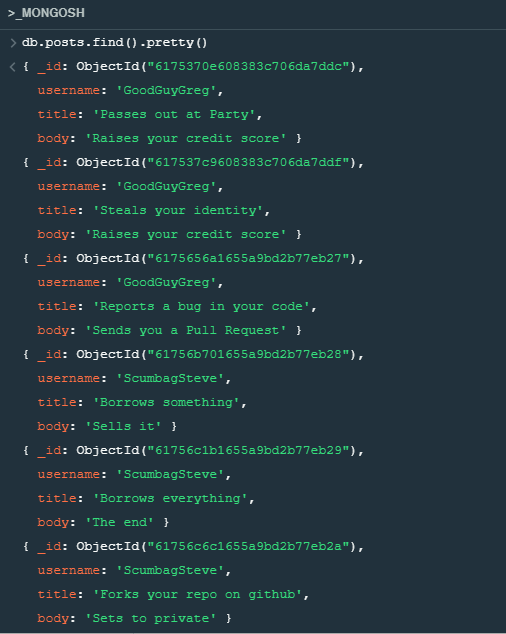
where [post\_obj\_id] is the ObjectId of the posts document: "Reports a bug in your code".

**Querying related collections**

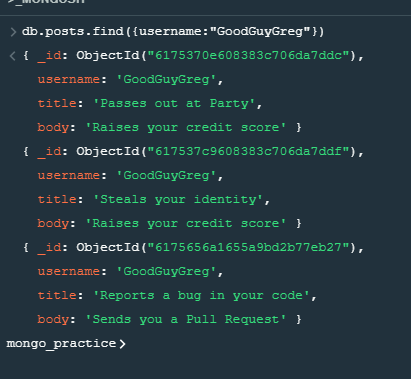
1. **find all users.**

****

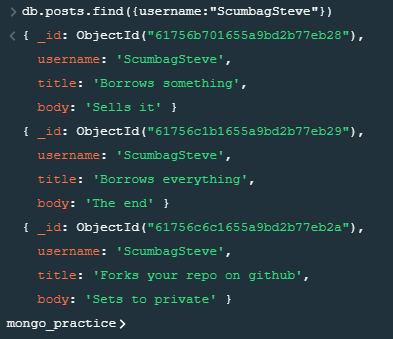
**2.find all posts.**

****

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

****

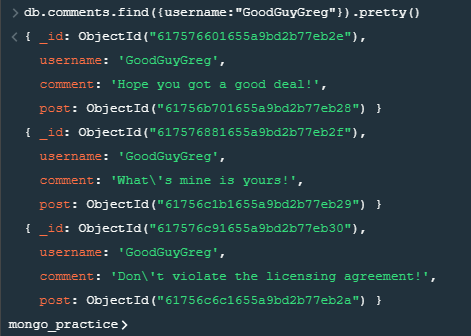
1. **find all posts that was authored by "ScumbagSteve".**

****

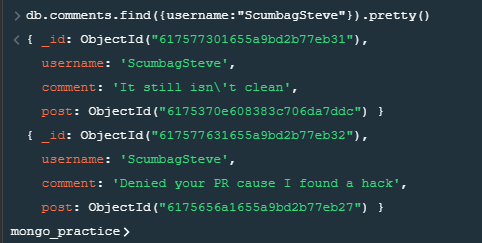
1. **find all comments.**

****

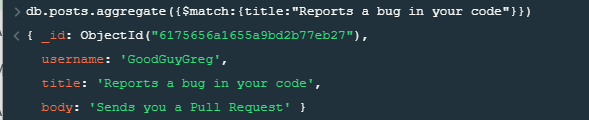
1. **find all comments that was authored by "GoodGuyGreg".**

****

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

****

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

****