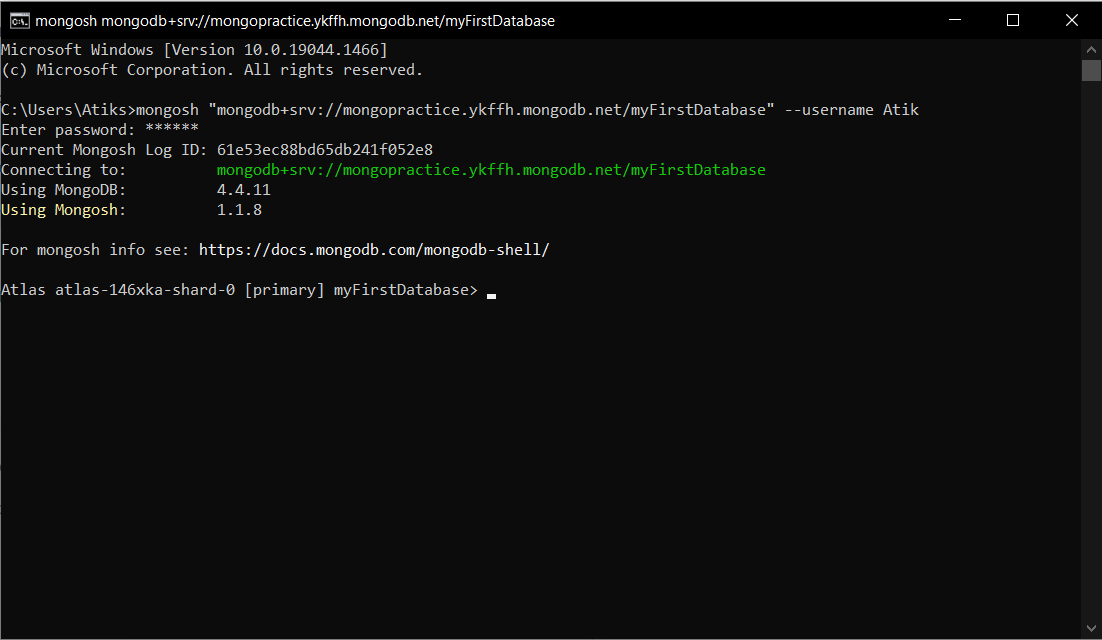
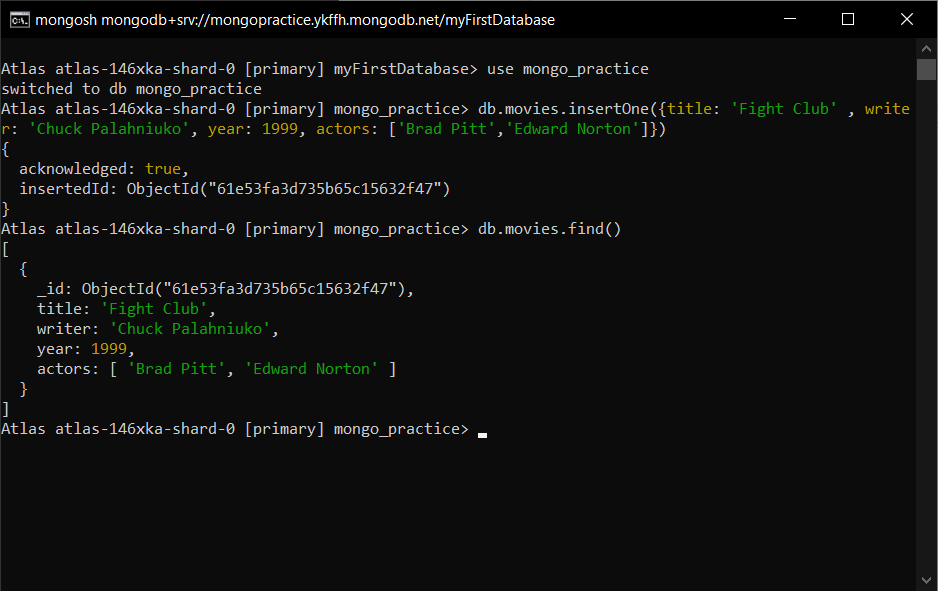
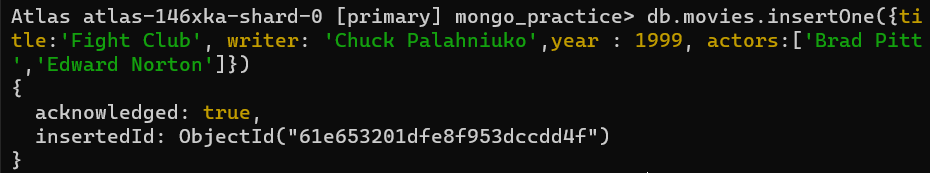
**MongoDB Lab Assignment 1**

**Insert Documents**





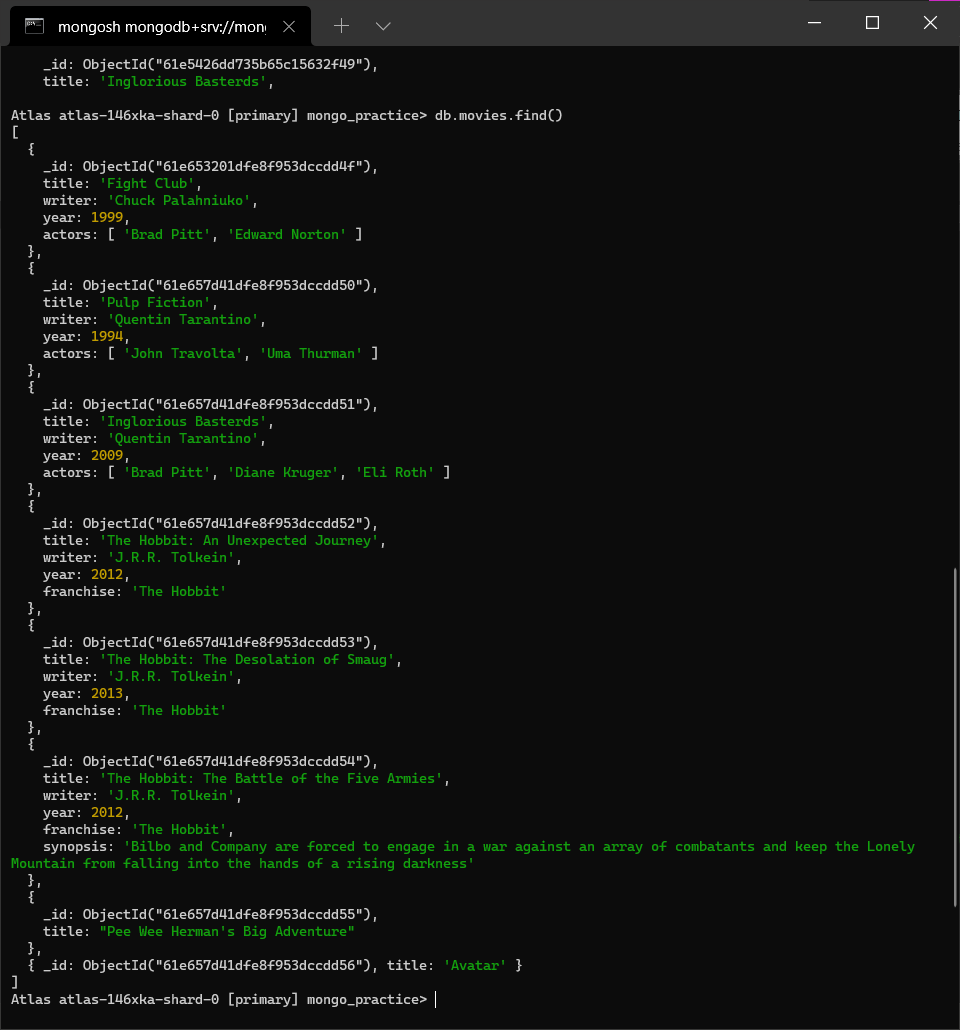
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****

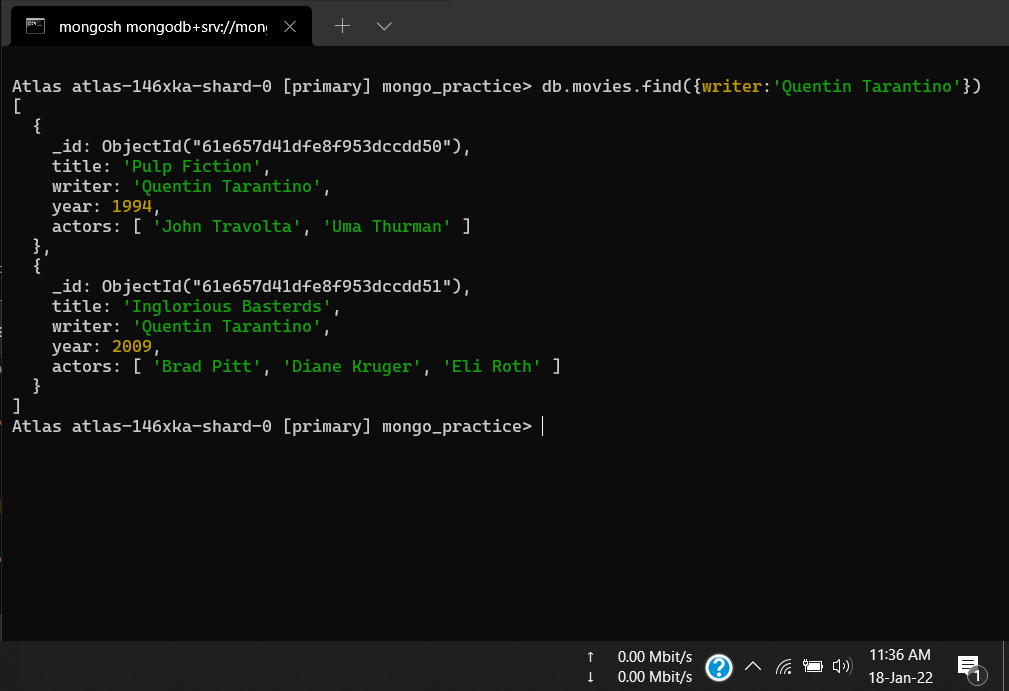
**Query/Find Documents**

Query the **movies** collection to:

1. get all documents



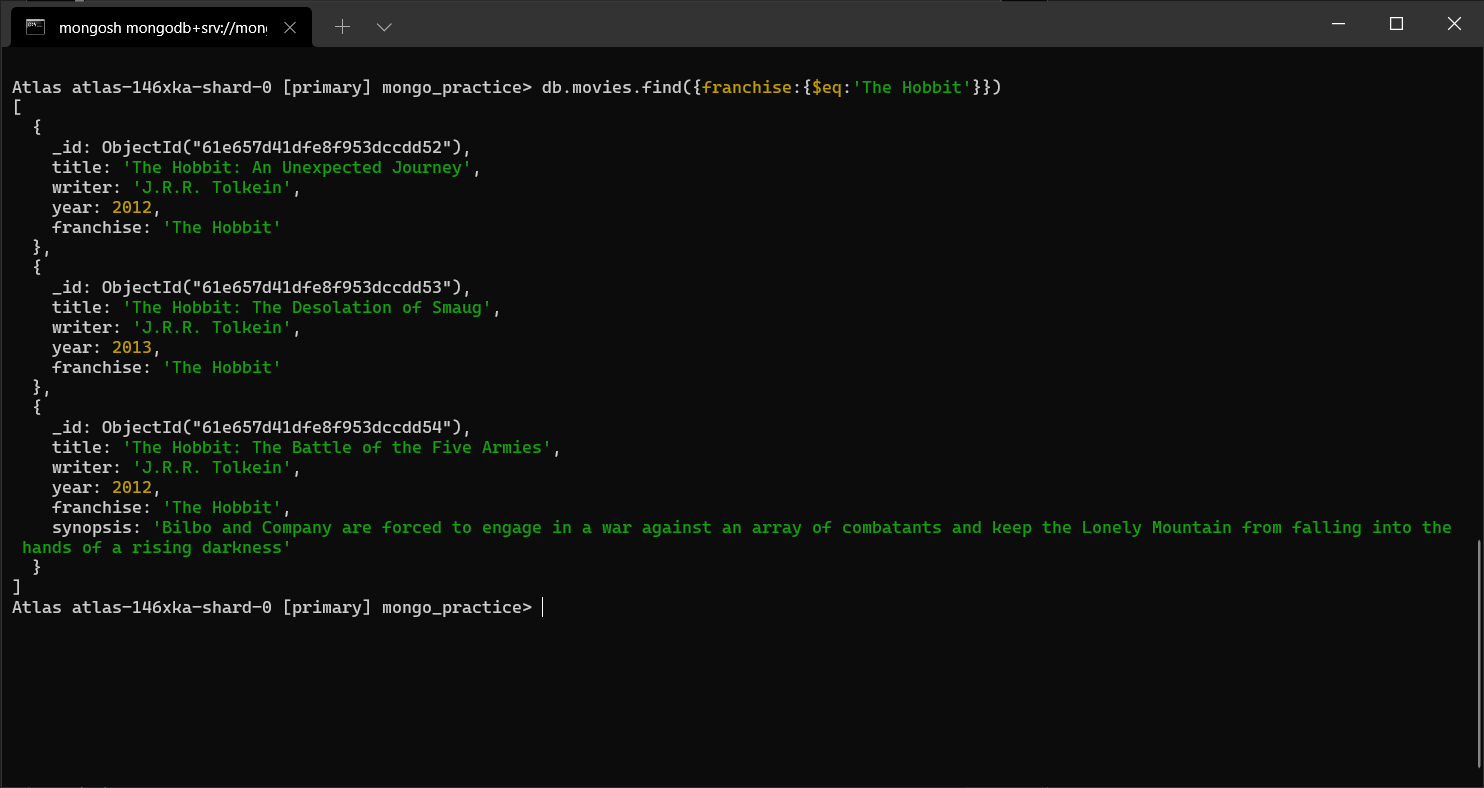
2. get all documents with writer set to “Quentin Tarantino”.



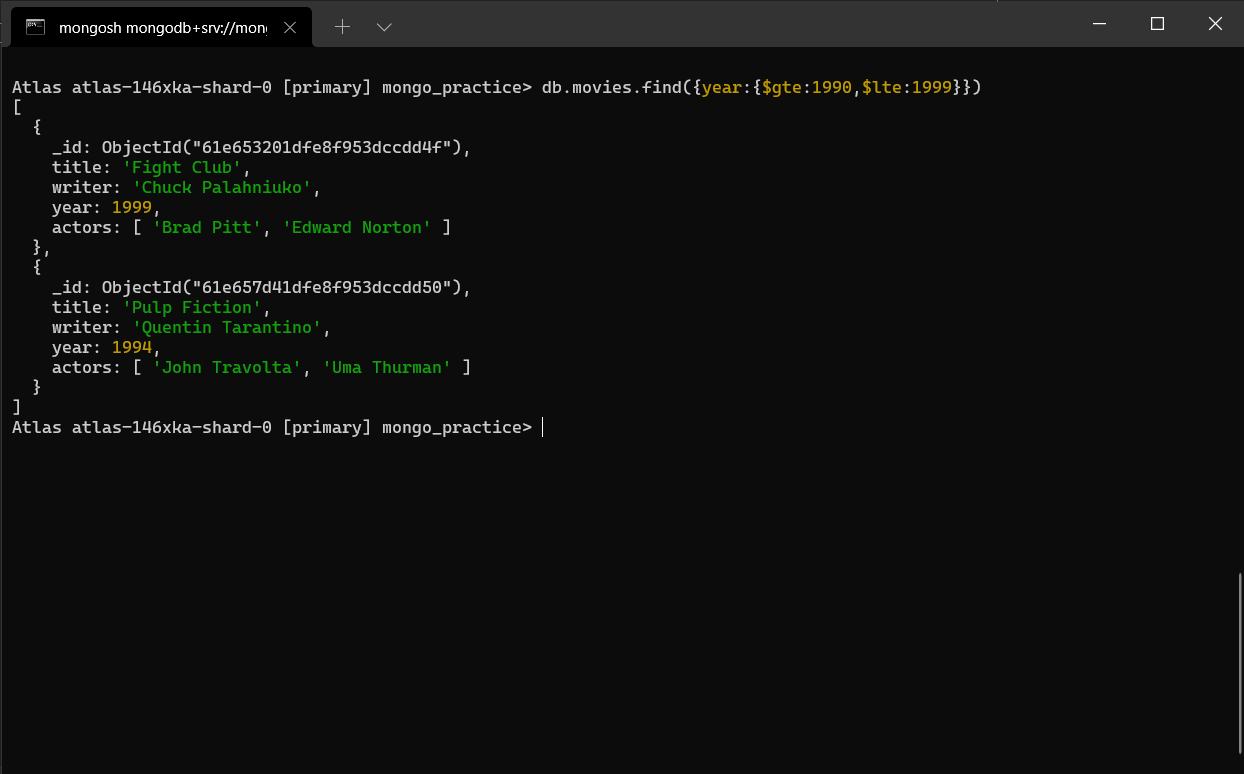
3. get all documents where actors include “Brad Pitt”.



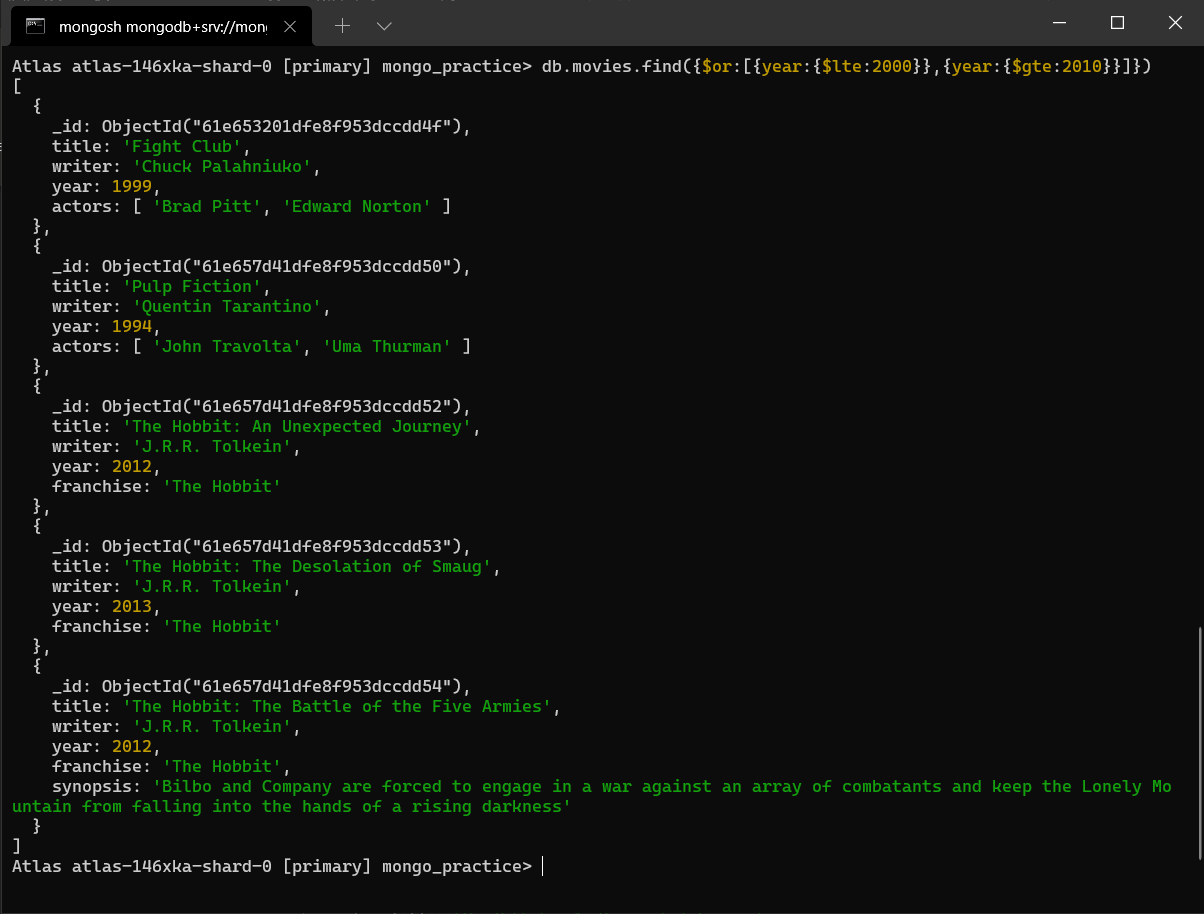
4. get all the documents with franchise set to “The Hobbit”



5. get all movies released in 90s.



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



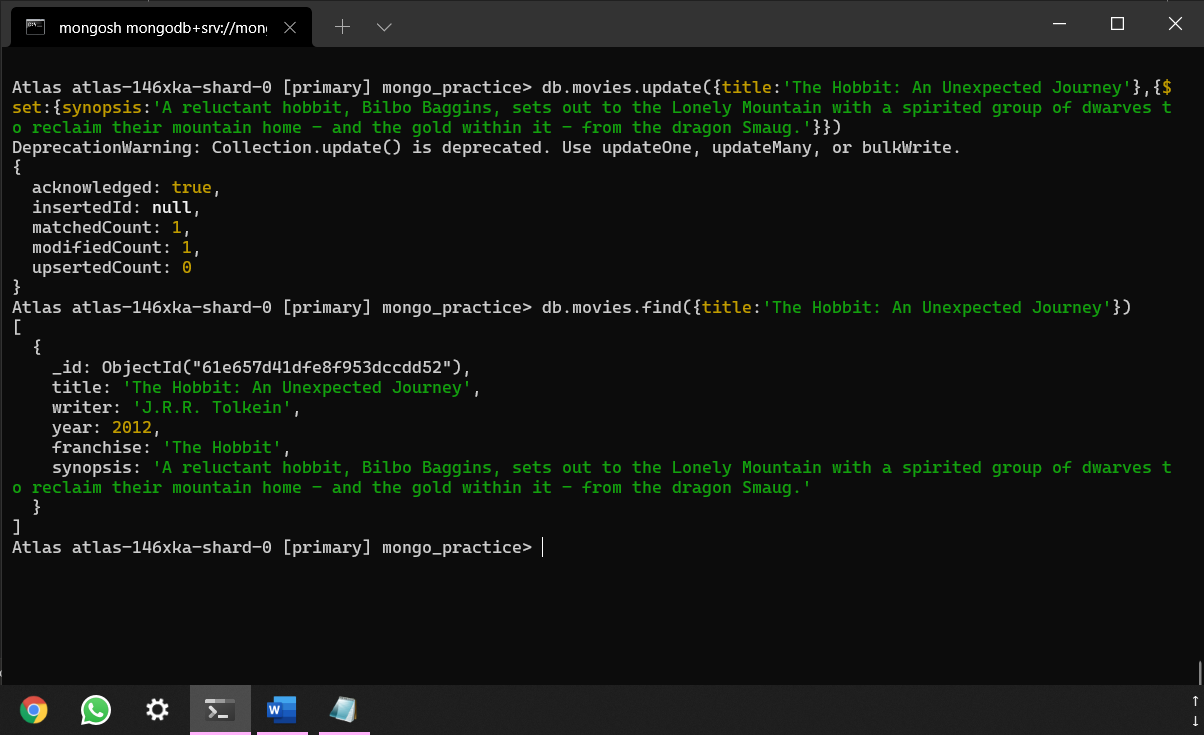
**Update Documents**

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."

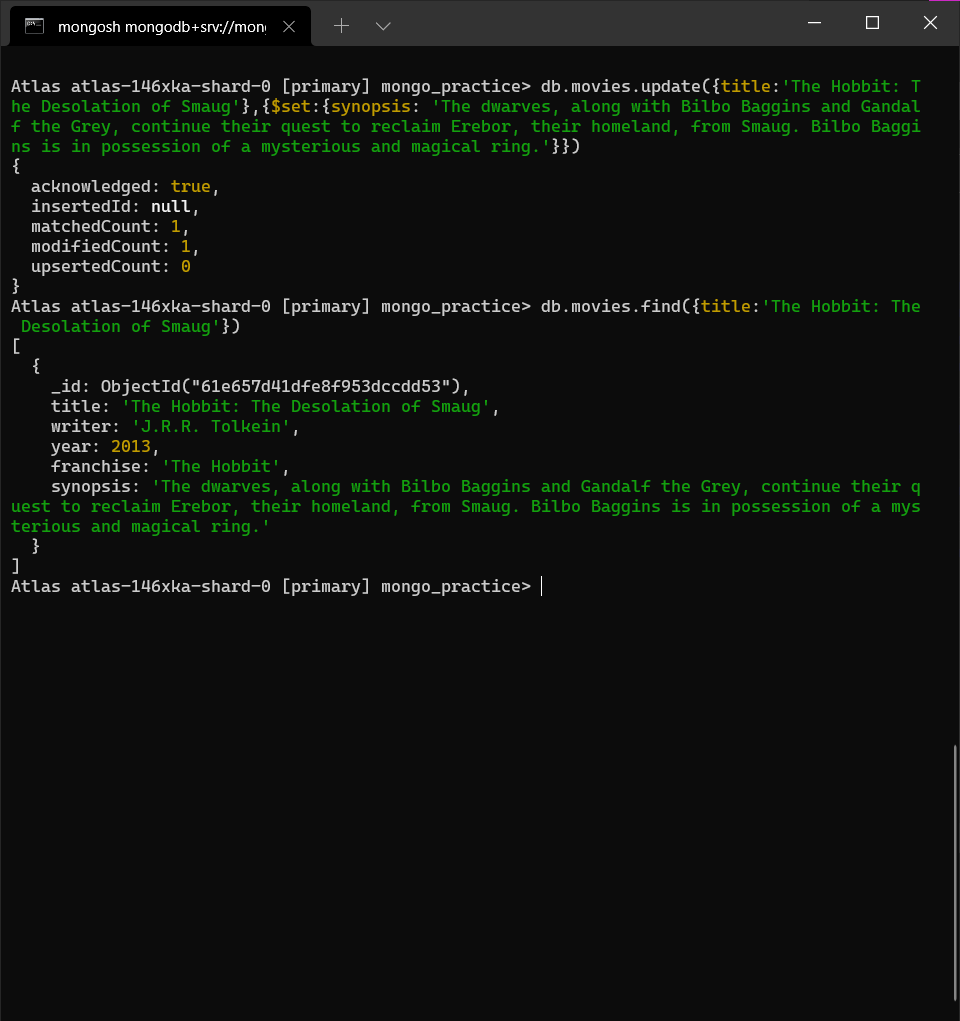


2. add a synopsis to "The Hobbit: The Desolation of Smaug" : "The dwarves,

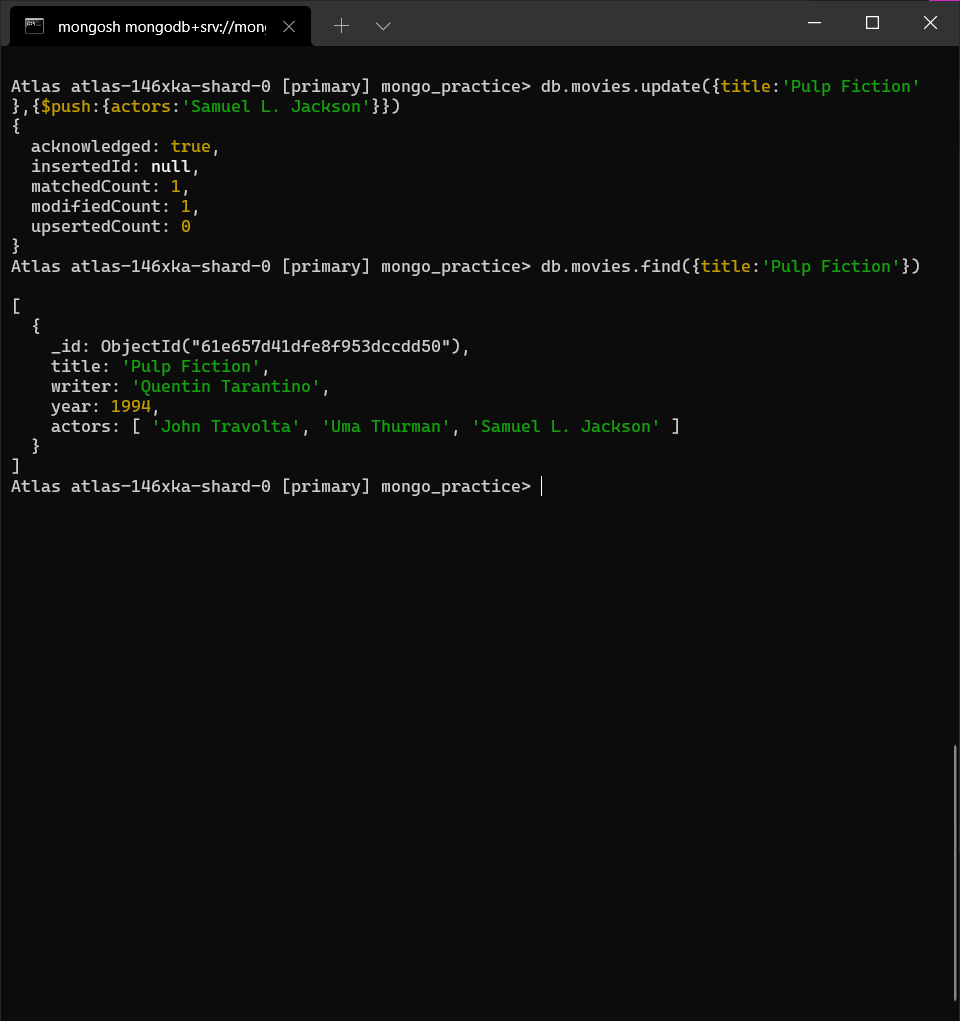
along with Bilbo Baggins and Gandalf the Grey, continue their quest to reclaim

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

mysterious and magical ring."

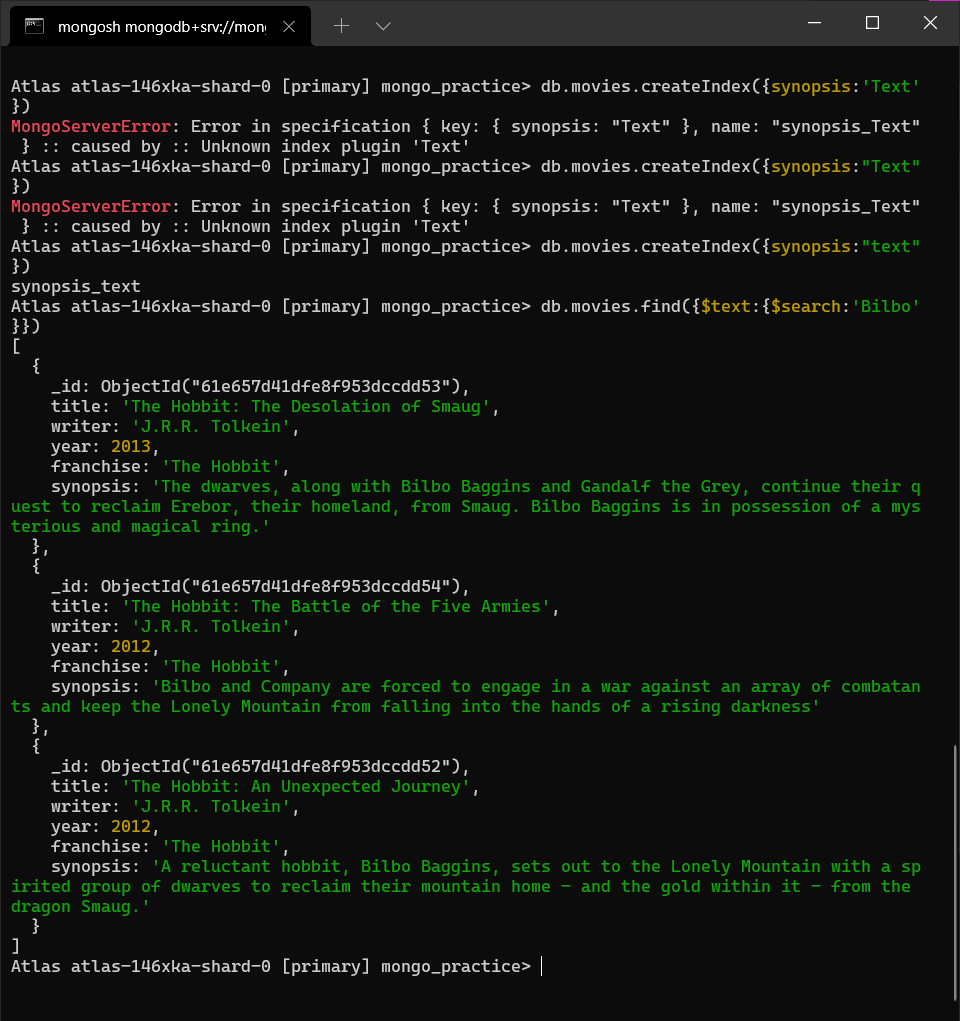


3. add an actor named "Samuel L. Jackson" to the movie "Pulp Fiction"

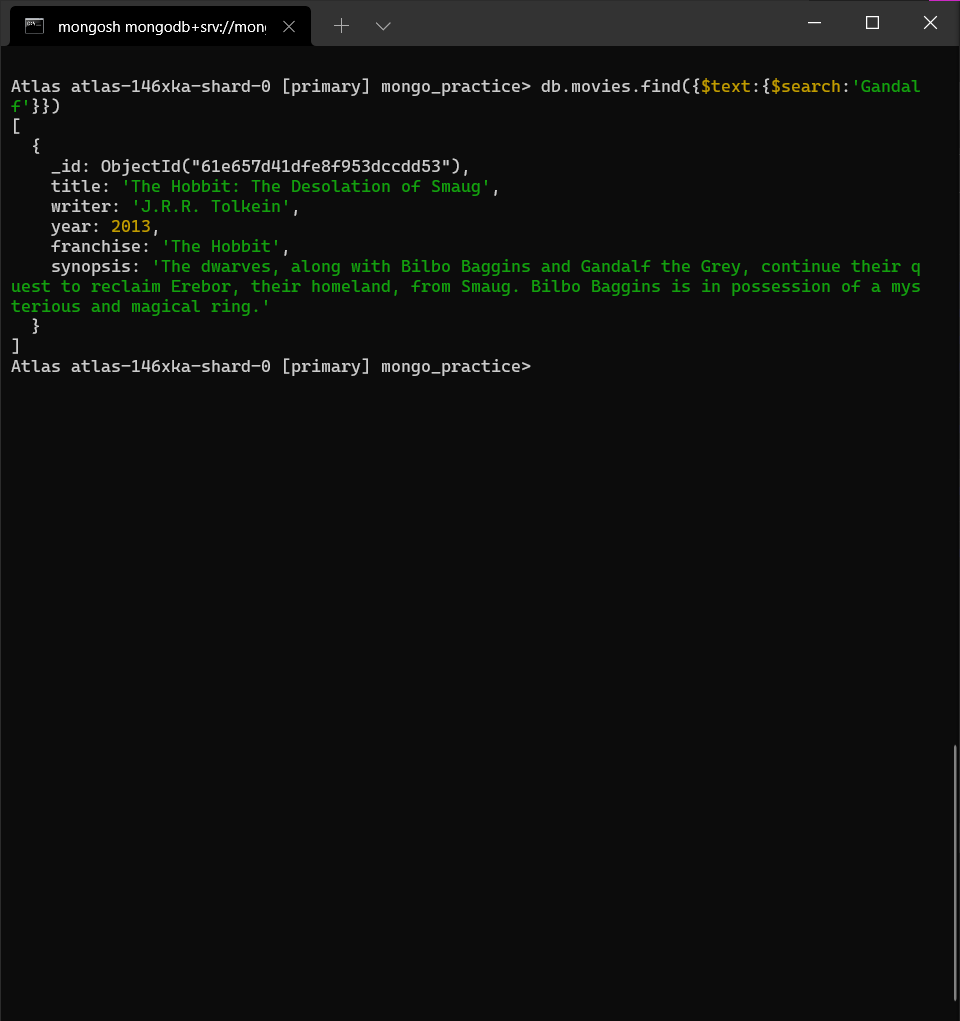


**Text Search**

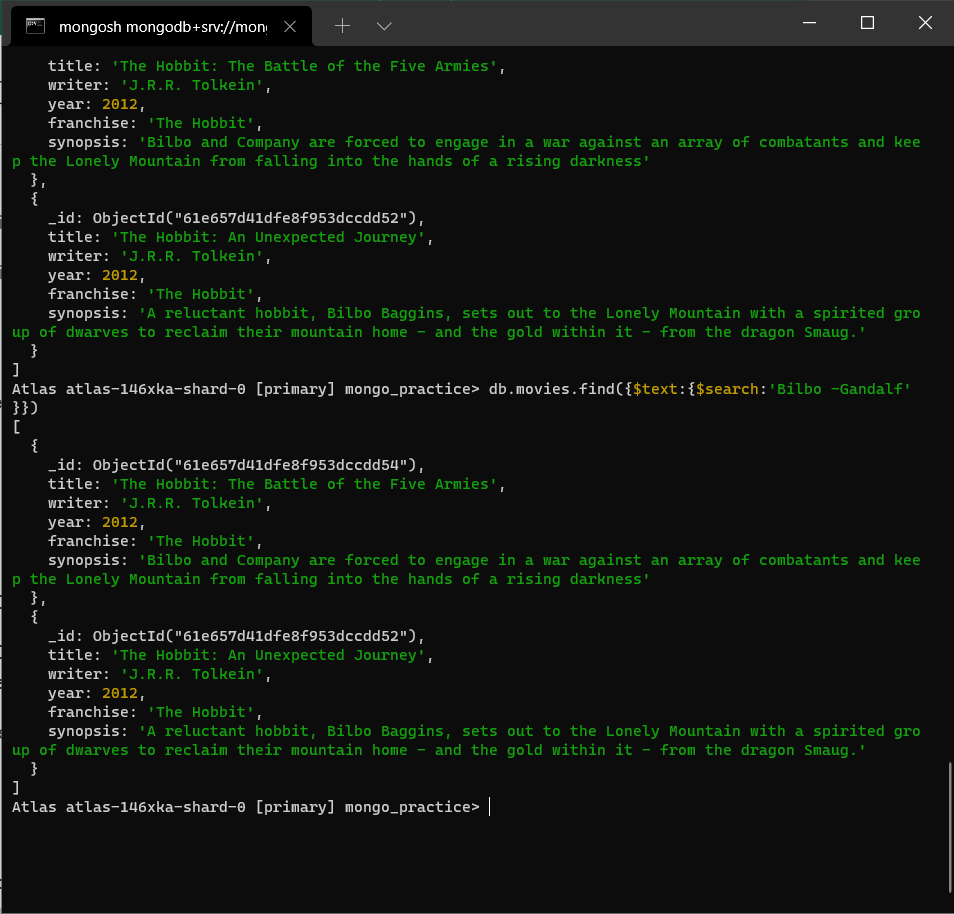
1. find all movies that have a synopsis that contains the word "Bilbo".



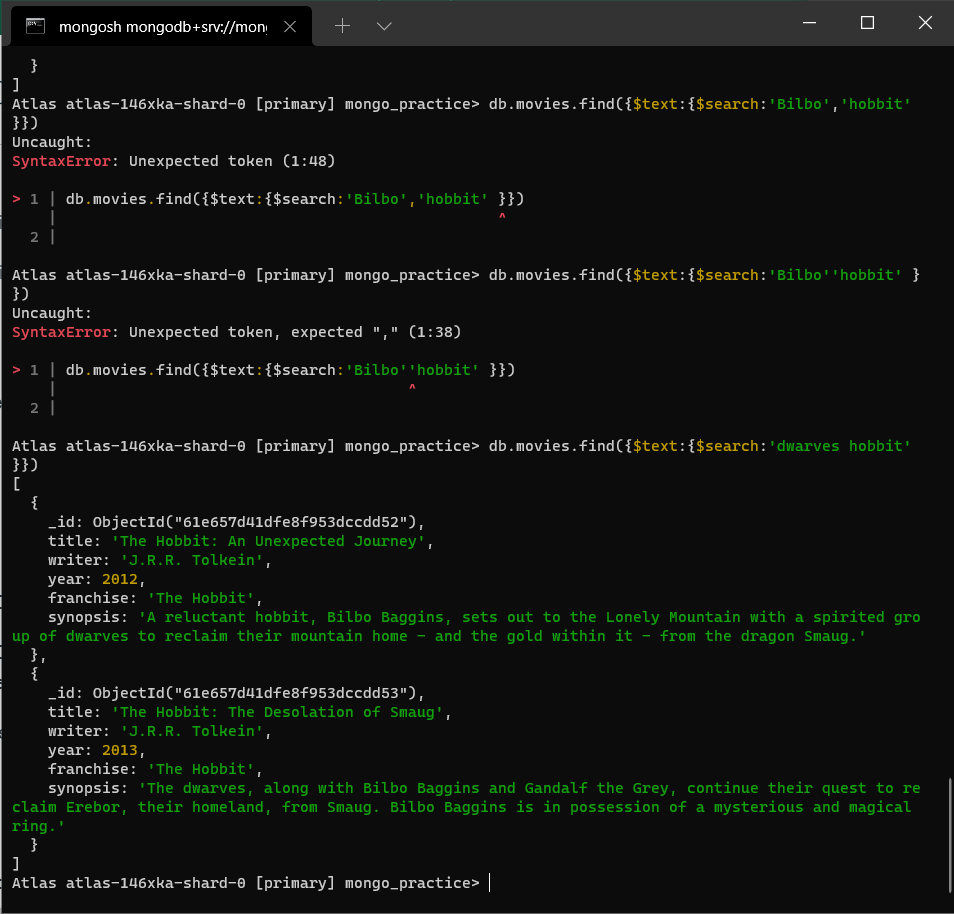
2. find all movies that have a synopsis that contains the word "Gandalf"



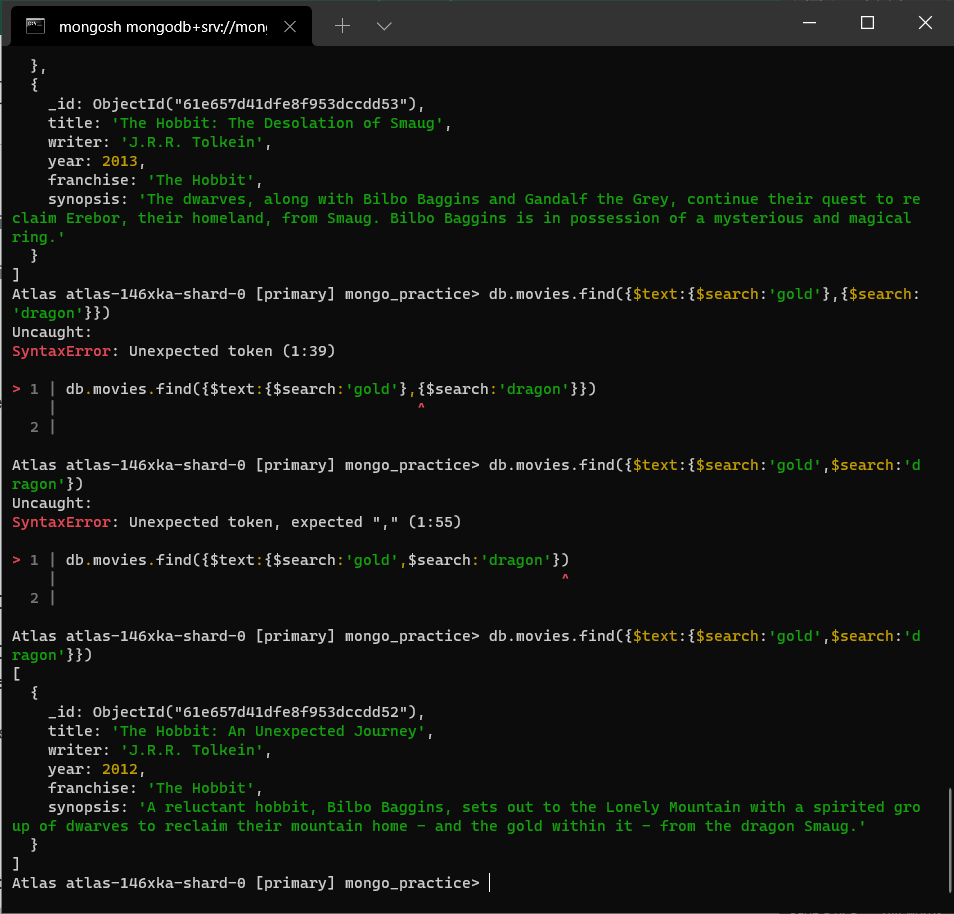
3. find all movies that have a synopsis that contains the word "Bilbo" and not the word "Gandalf



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

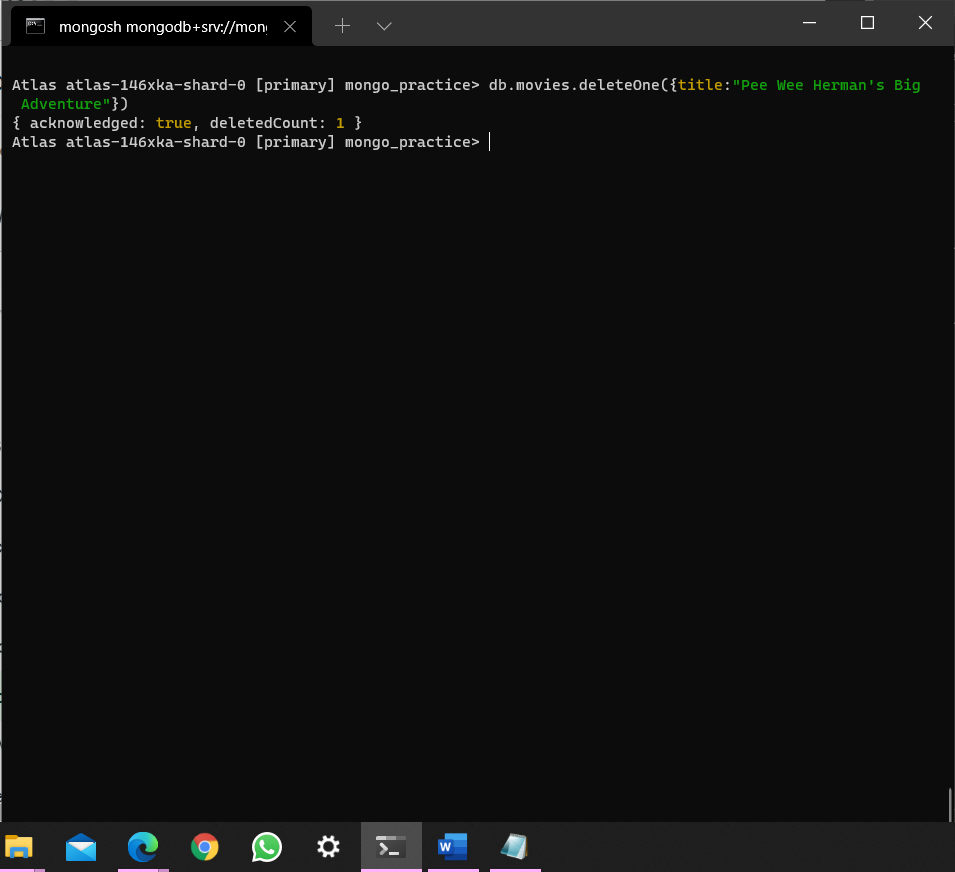


5. find all movies that have a synopsis that contains the word "gold" and "dragon"

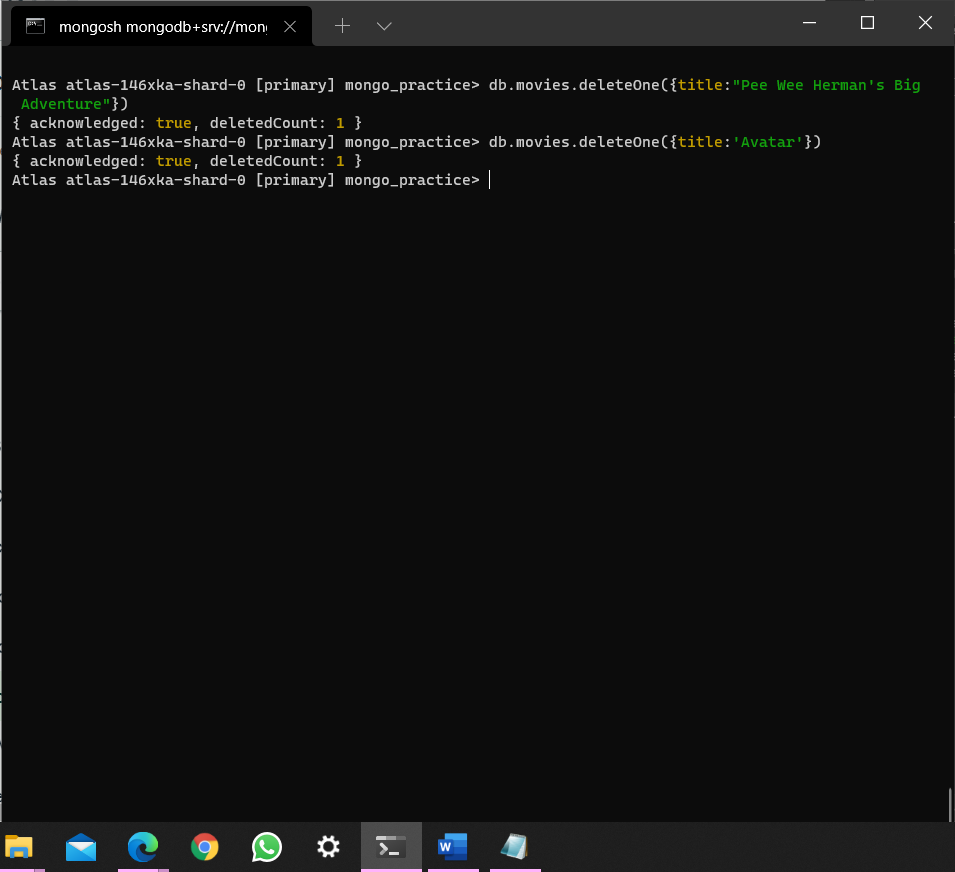


**Delete Documents**

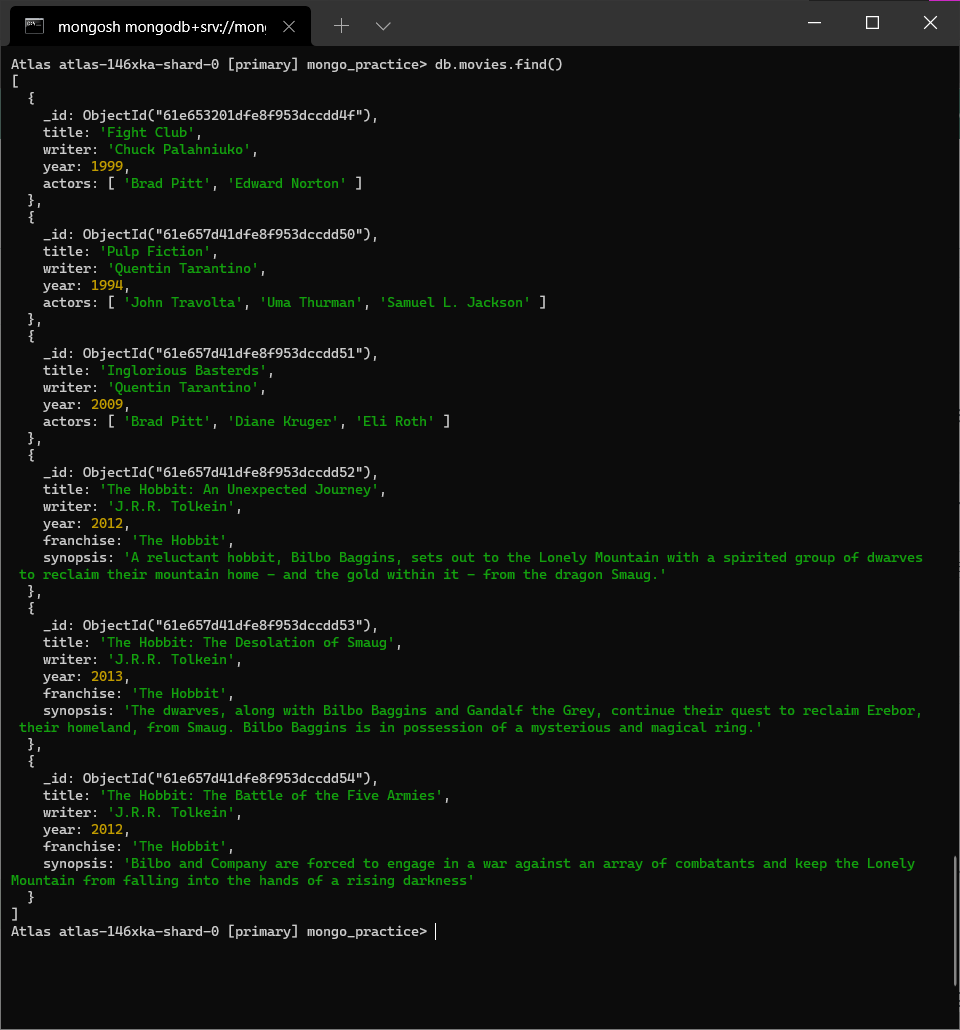
1. delete the movie "Pee Wee Herman's Big Adventure"



2. delete the movie "Avatar"



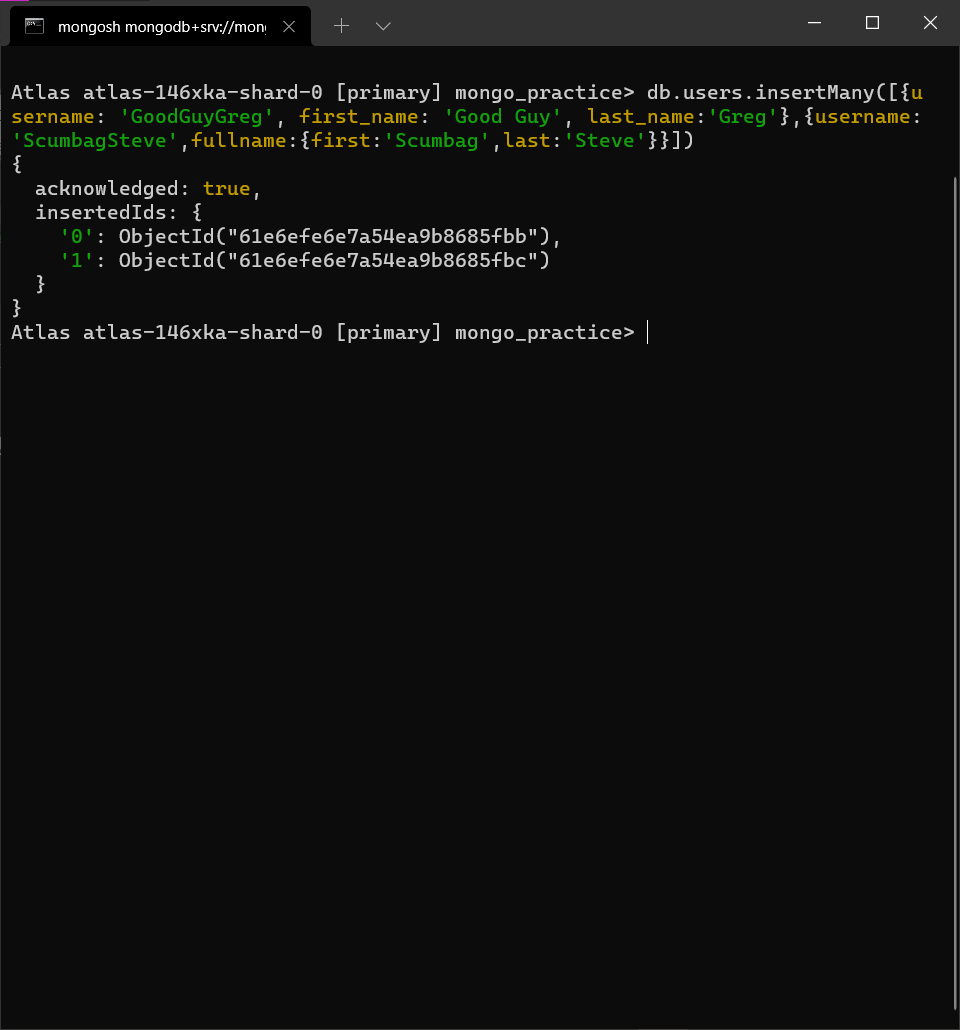
**Movies Collection after deletion**



**Relationships**

**Inserting documents in users, posts, comments collections**

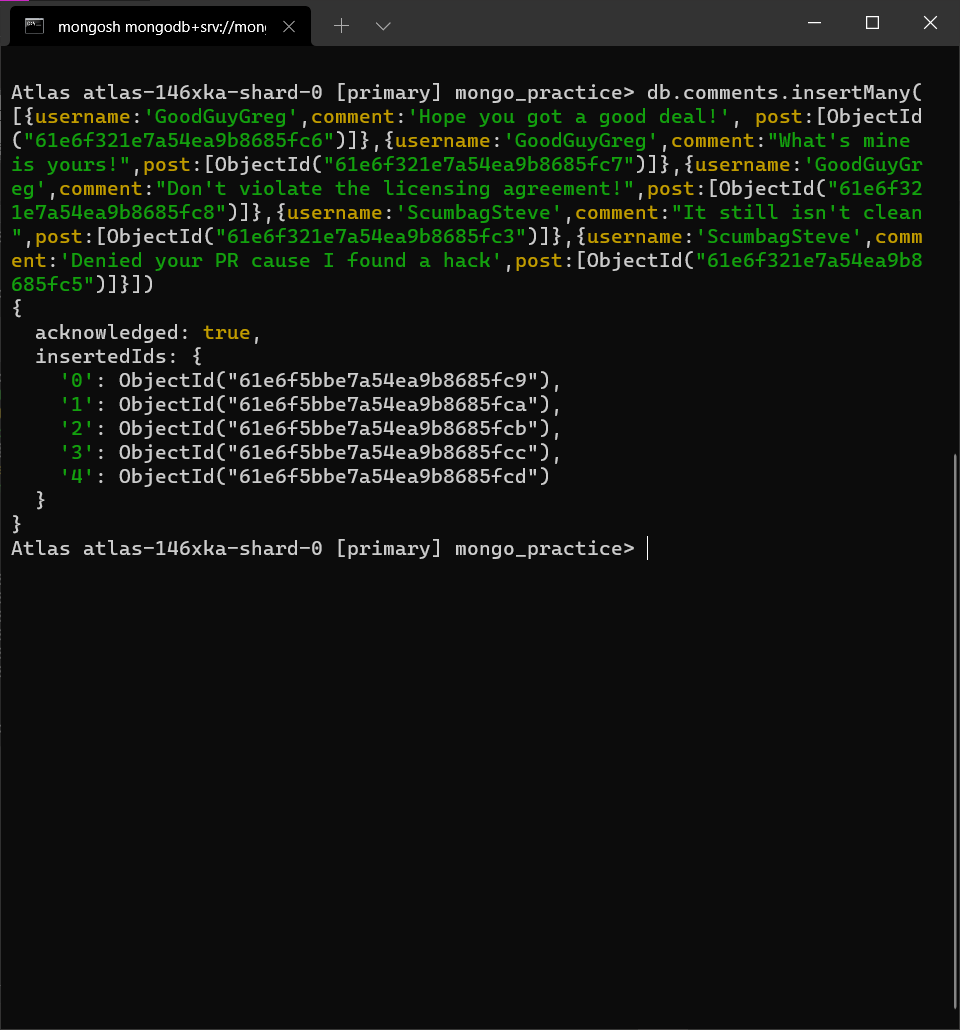
**Users Collection**



**Posts Collection**

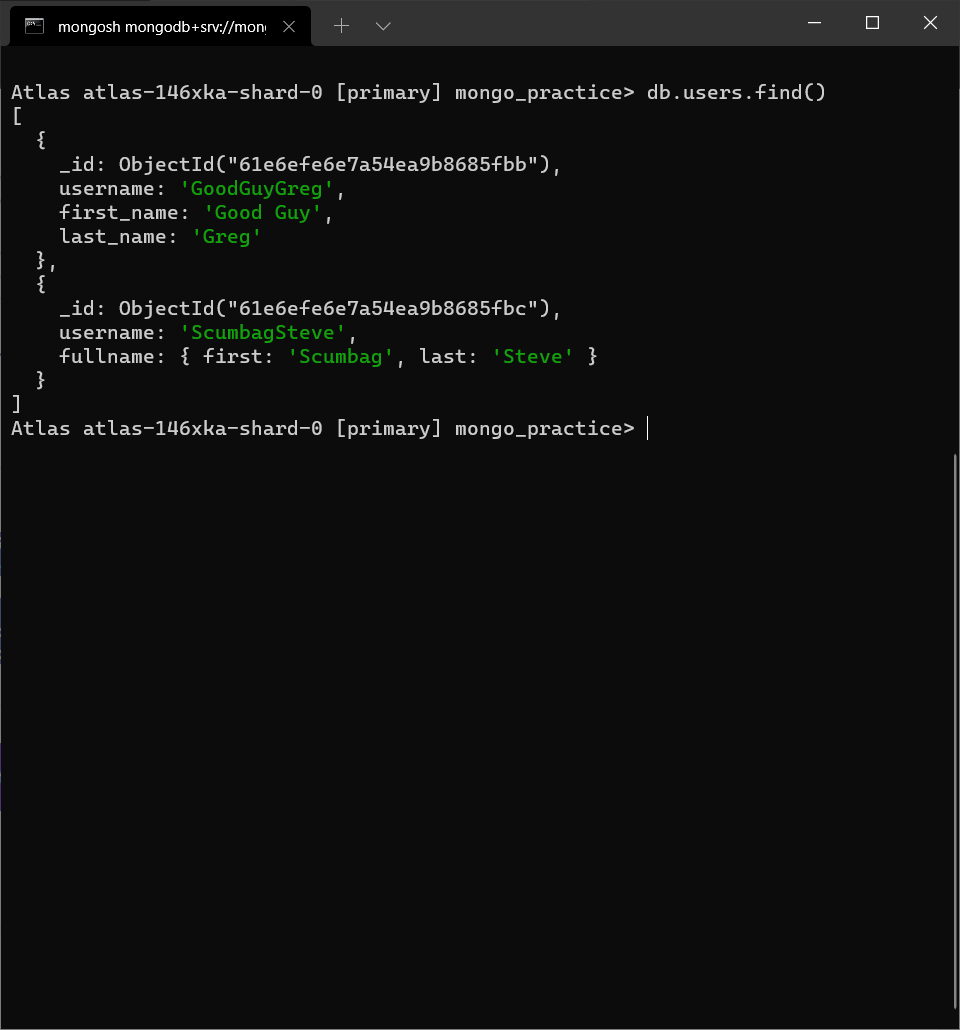


**Comments Collection**

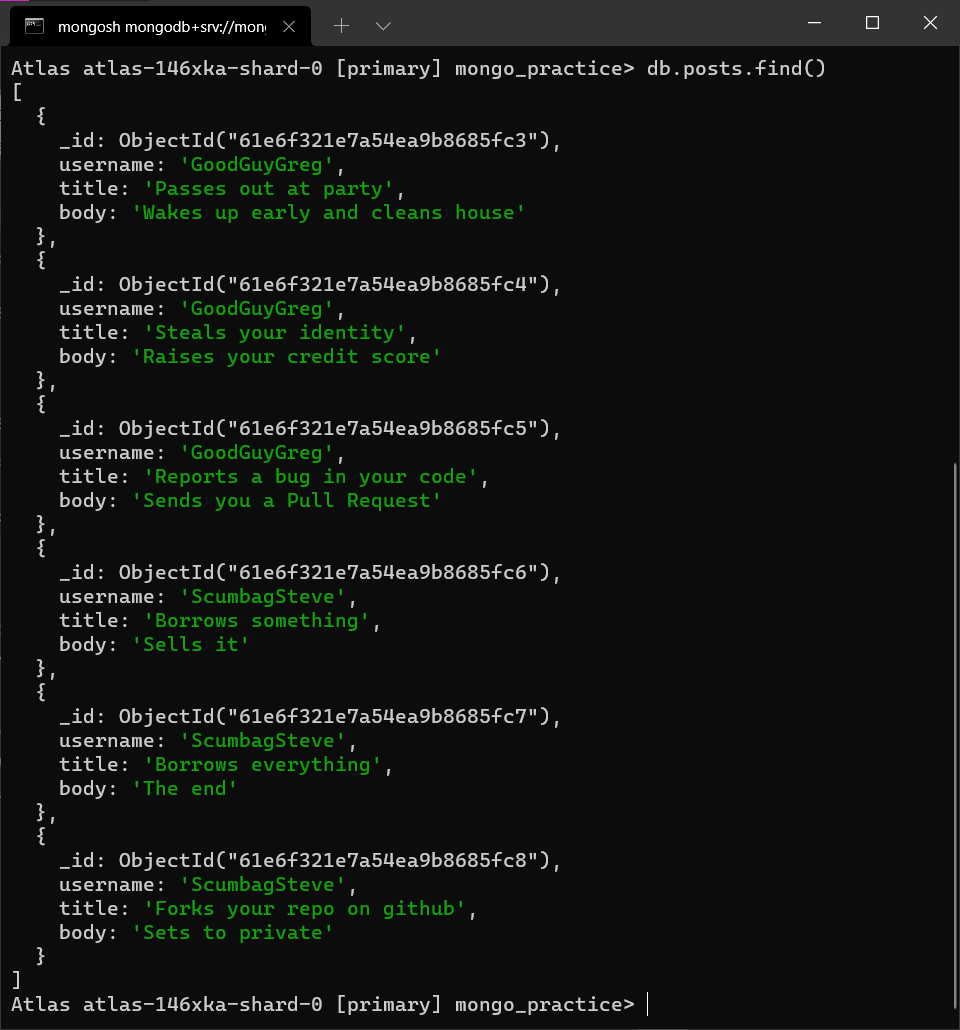


**Query Related Collections**

1. find all users



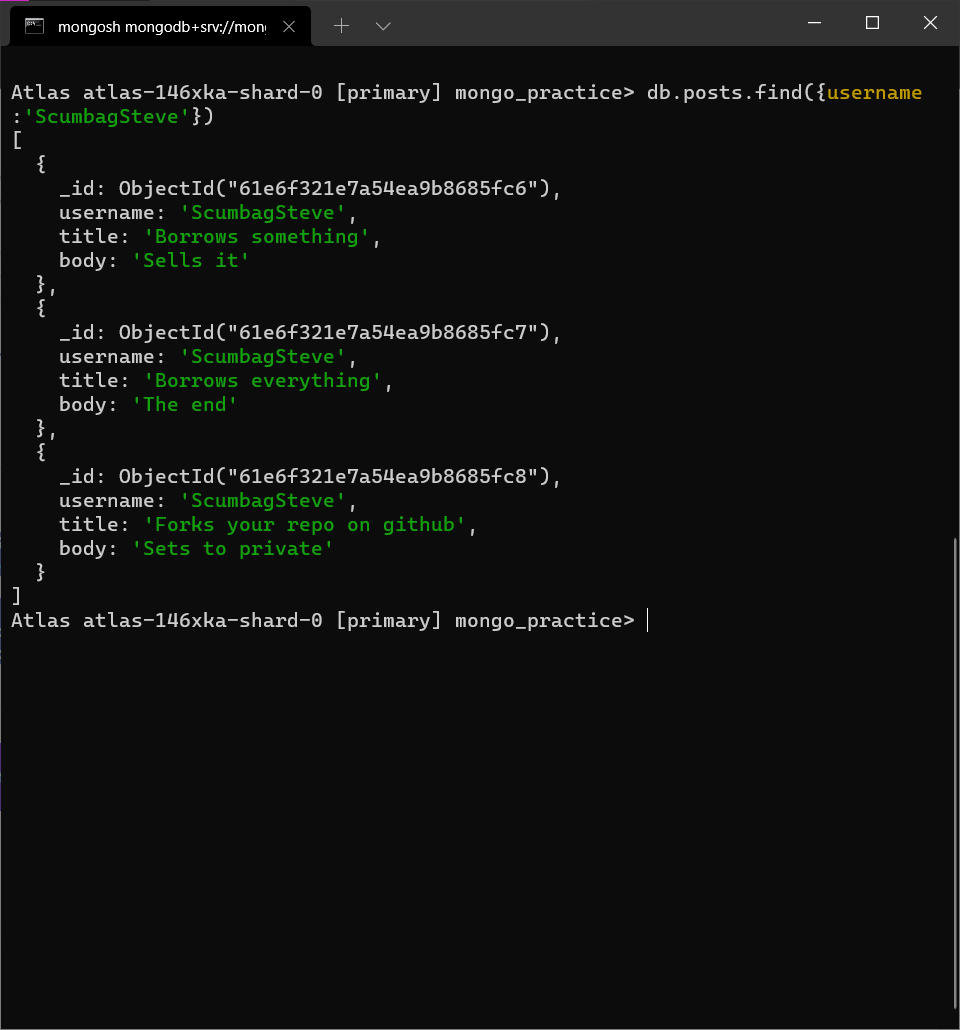
2. find all posts



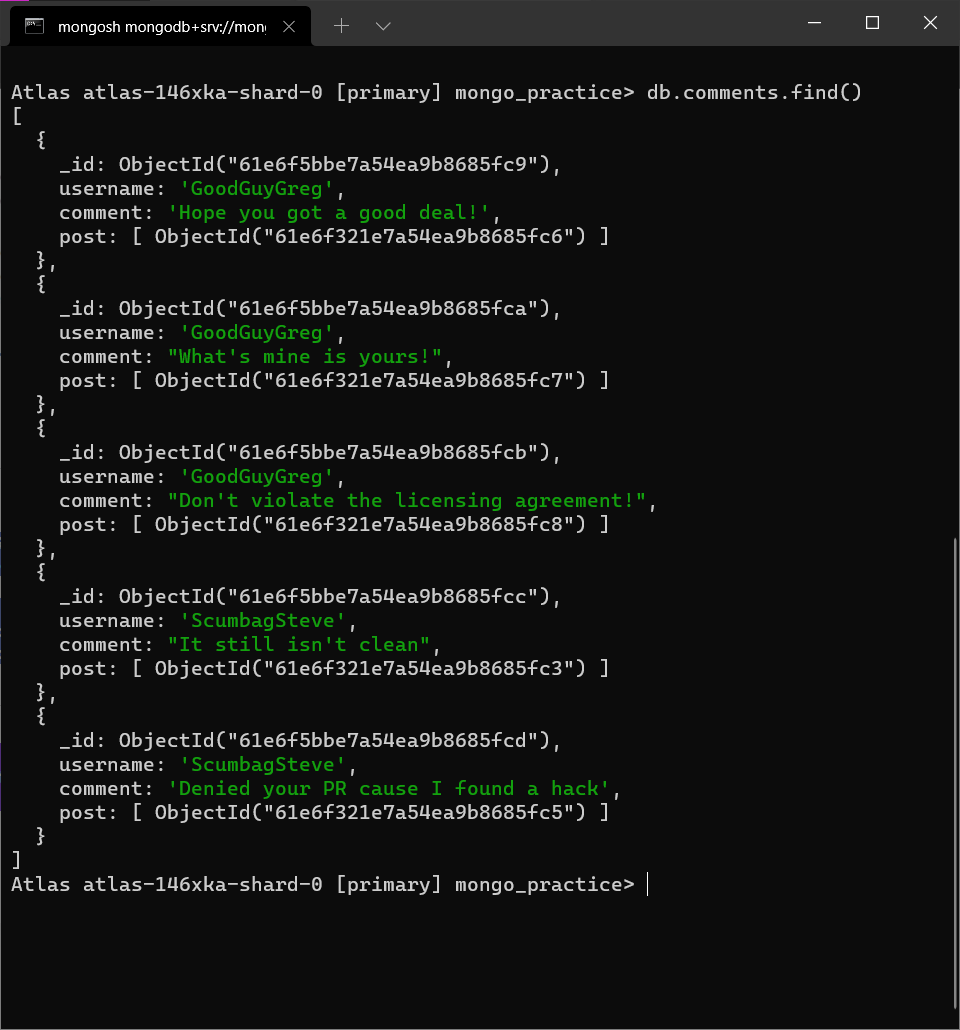
3. find all posts that was authored by "GoodGuyGreg"



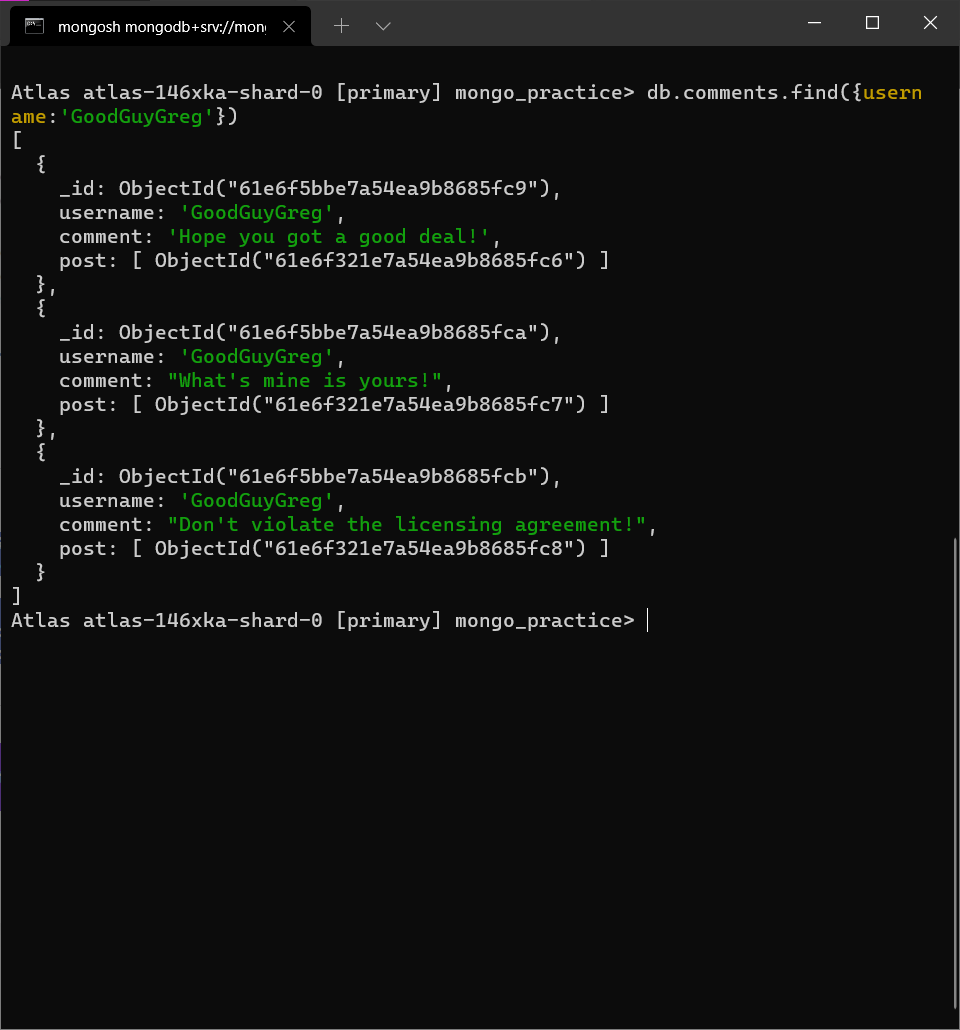
4. find all posts that was authored by "Scumbag Steve"



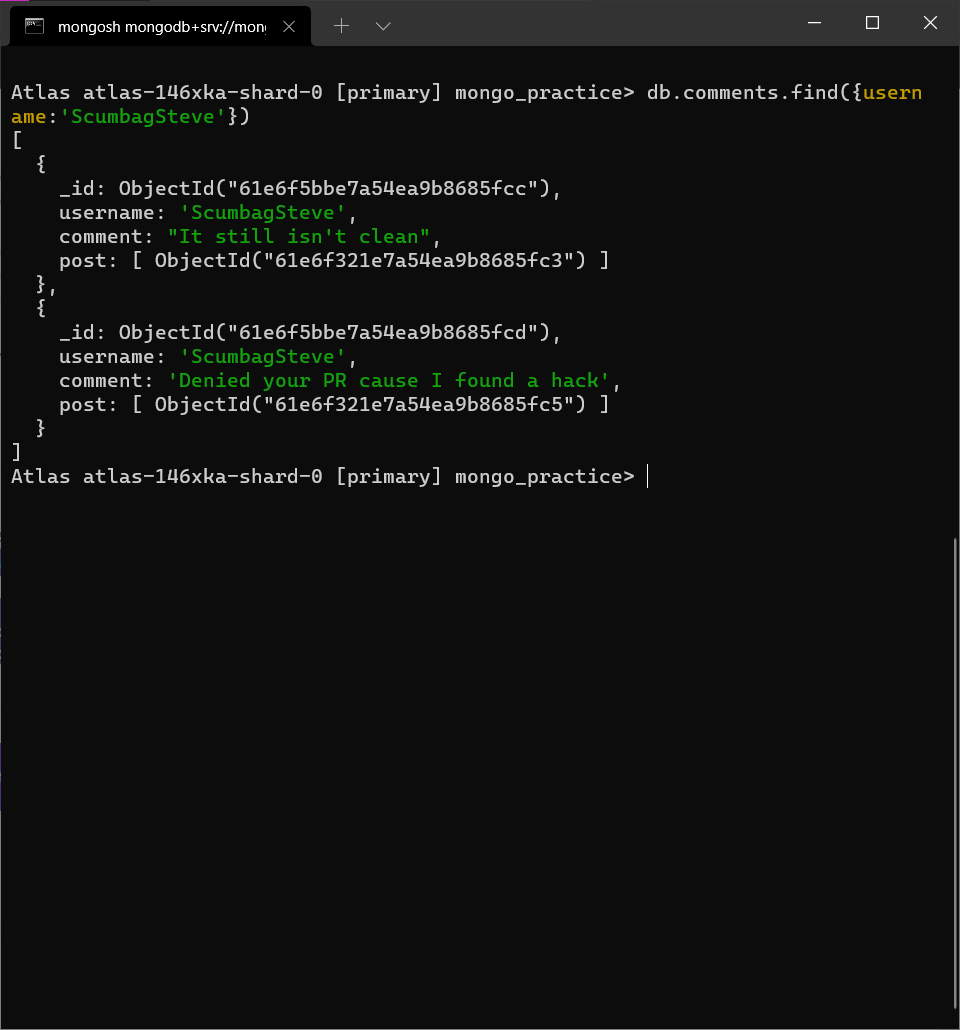
5. find all comments



6. find all comments that was authored by "GoodGuy Greg"



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



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

