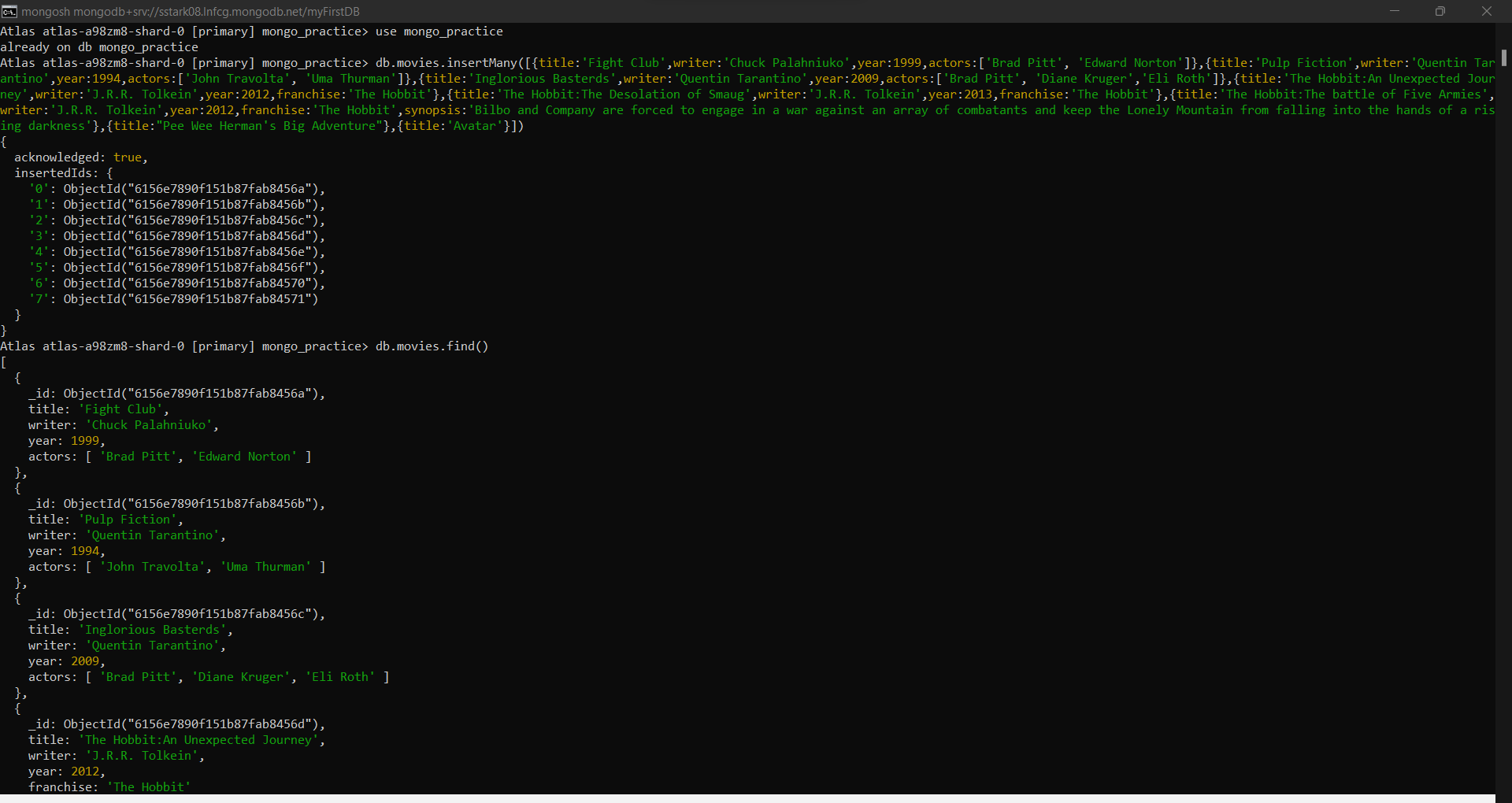
**MongoDB Lab Assignments- Day 1**

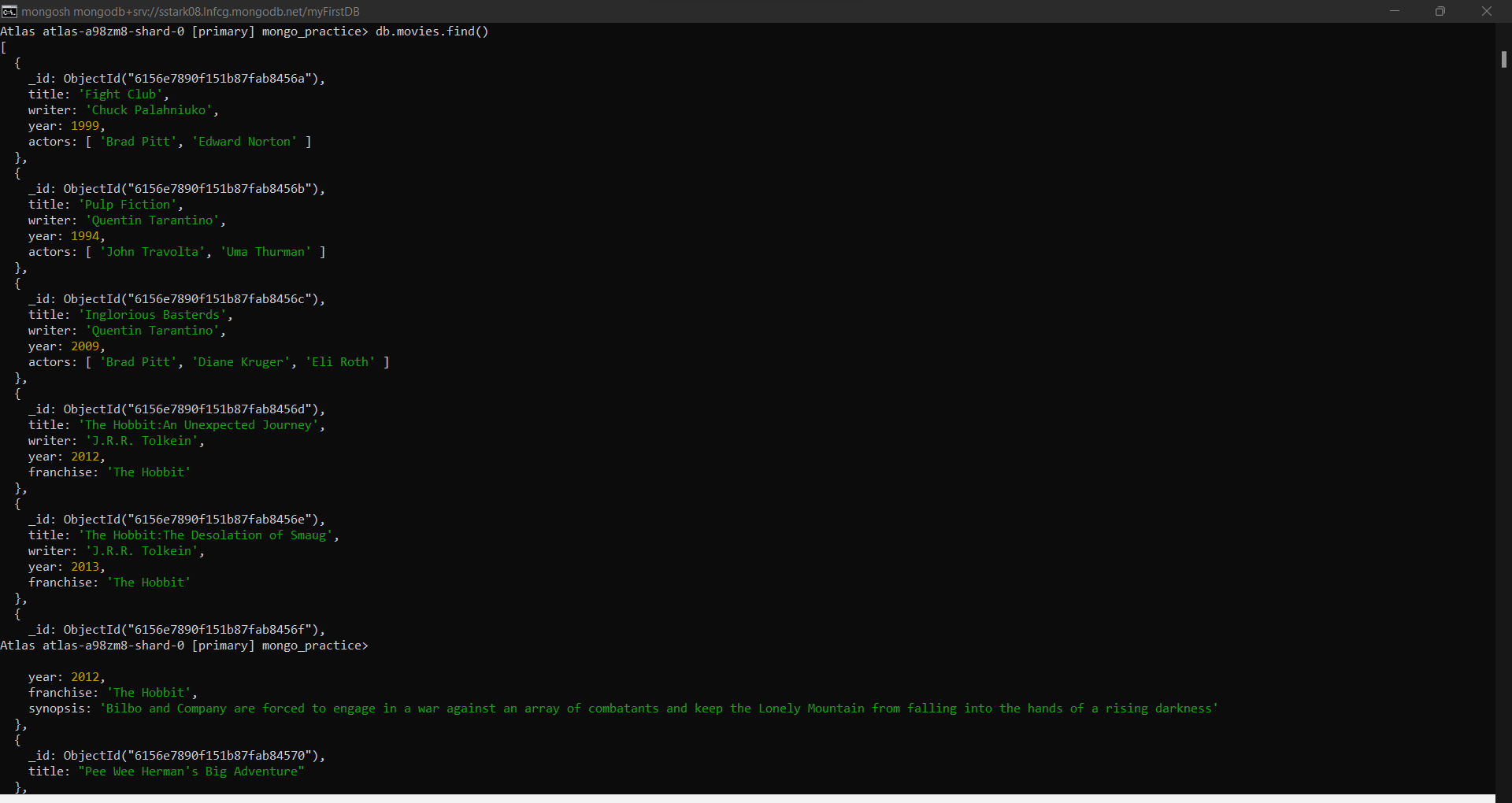
**MongoDB Exercise in mongo shell**

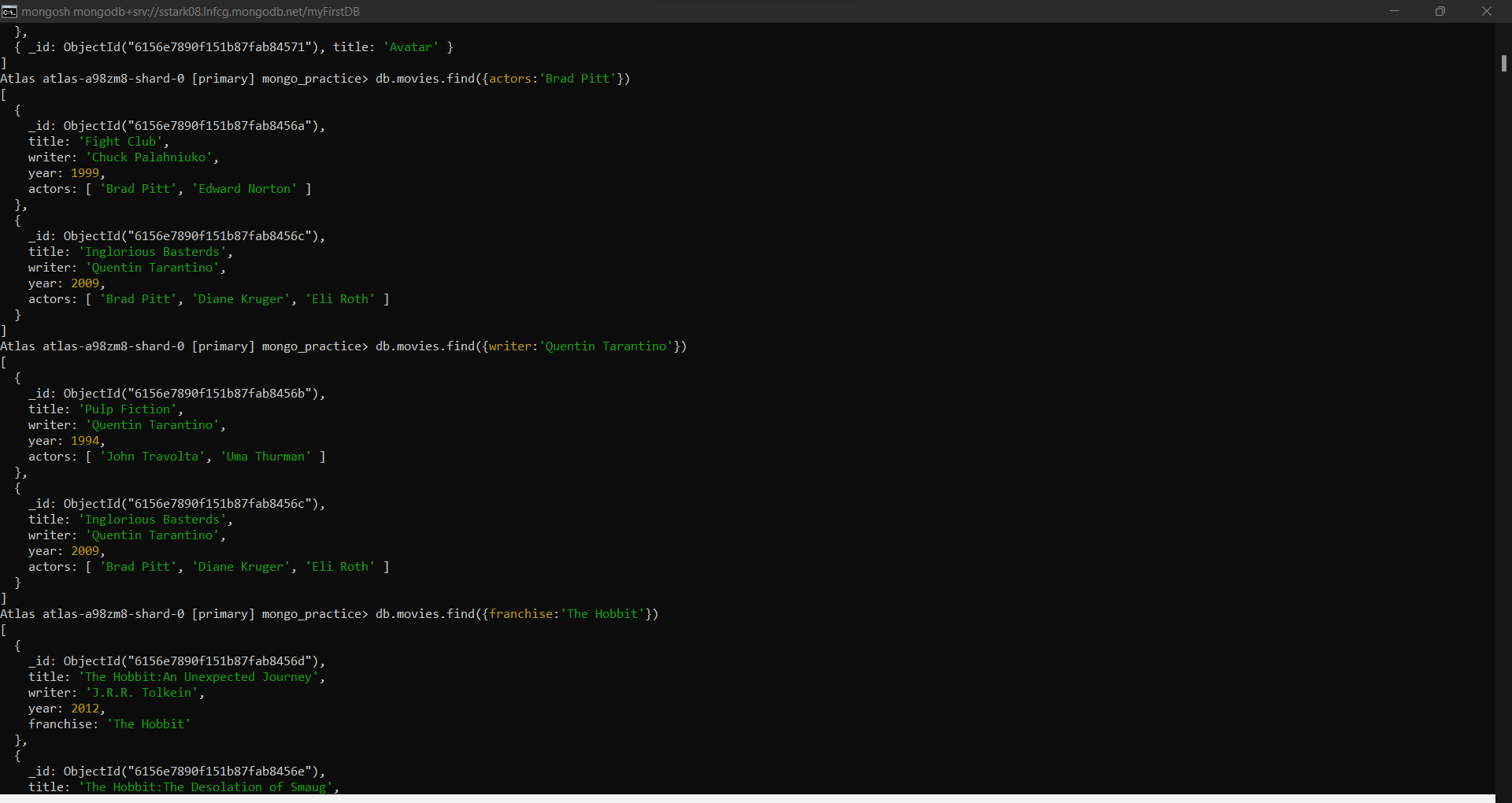
Connect to a running mongo instance , use a database name mongo\_practice.

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

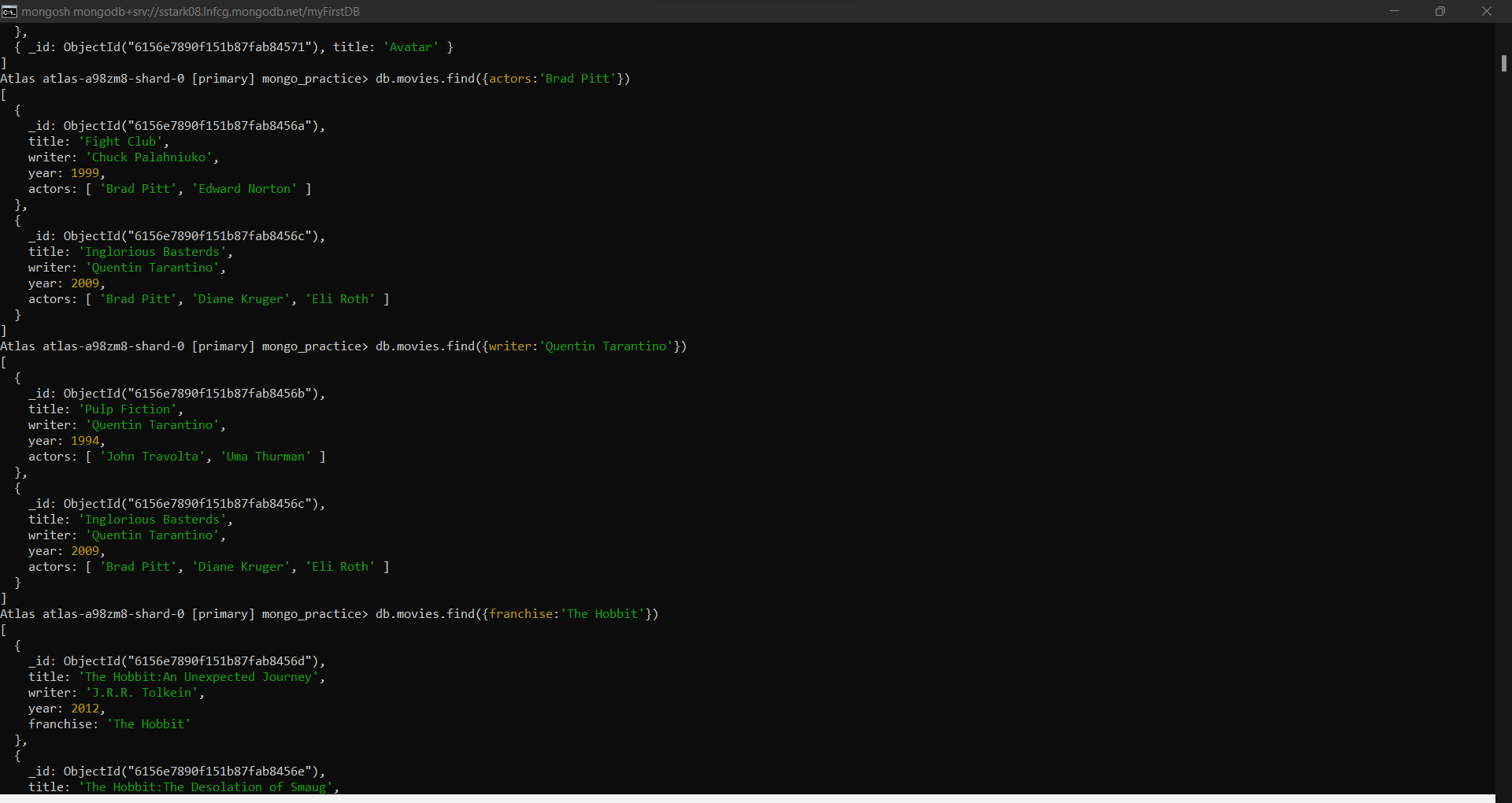
**Insert Documents:**

1. Insert into movies collection:
2. Get all documents:

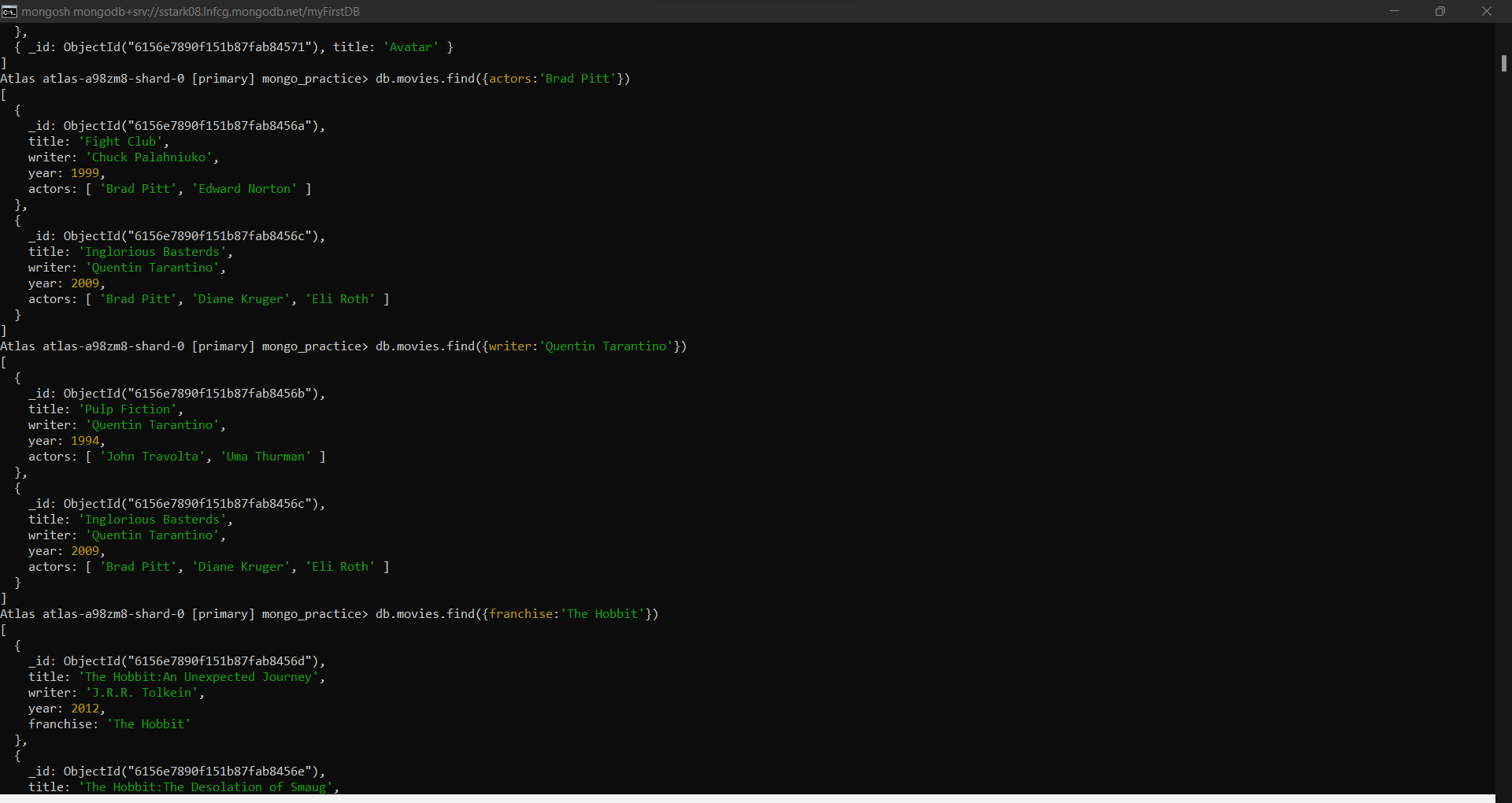




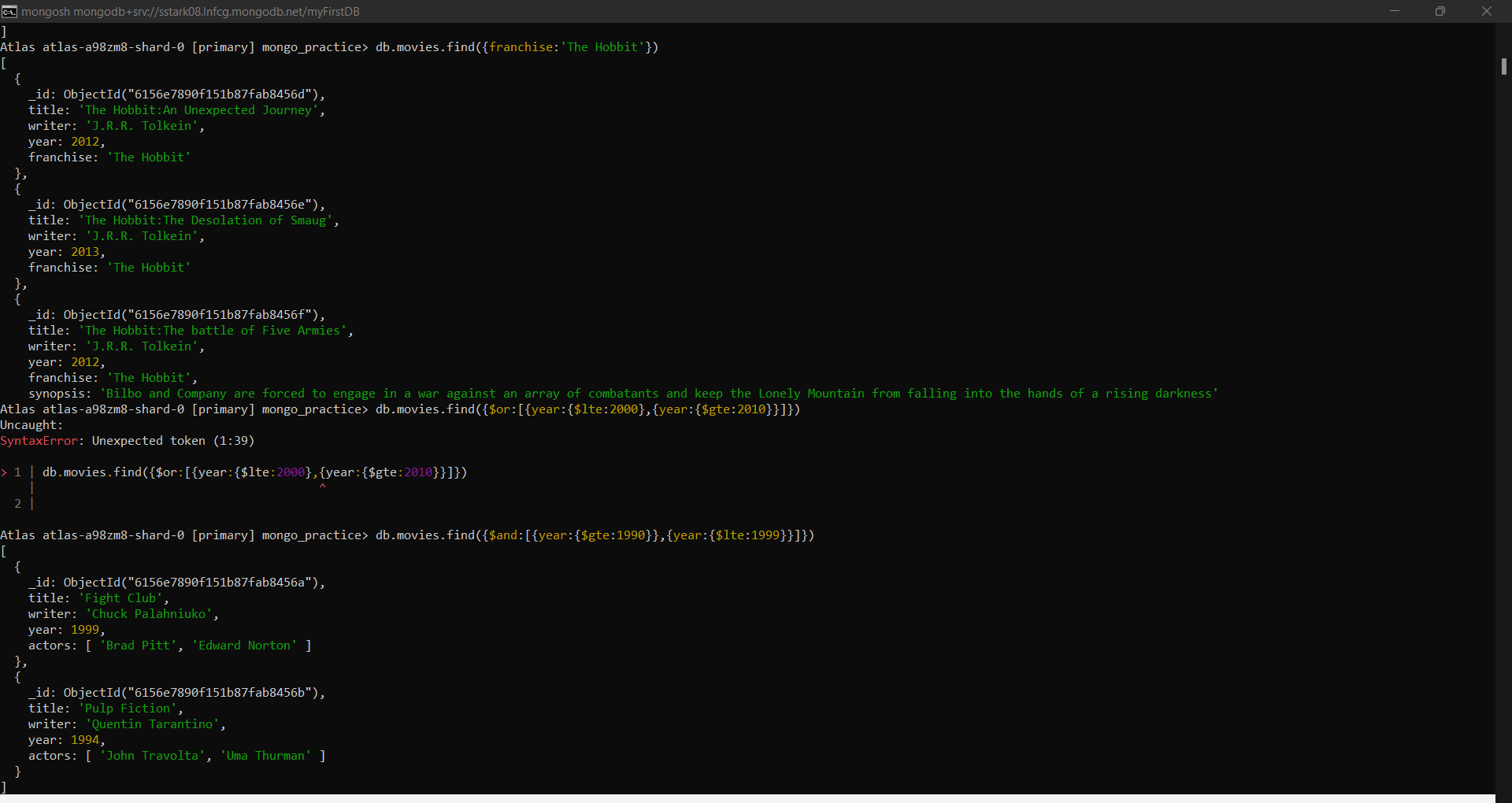
1. Get all documents with writer “Quentin Tarantino”:



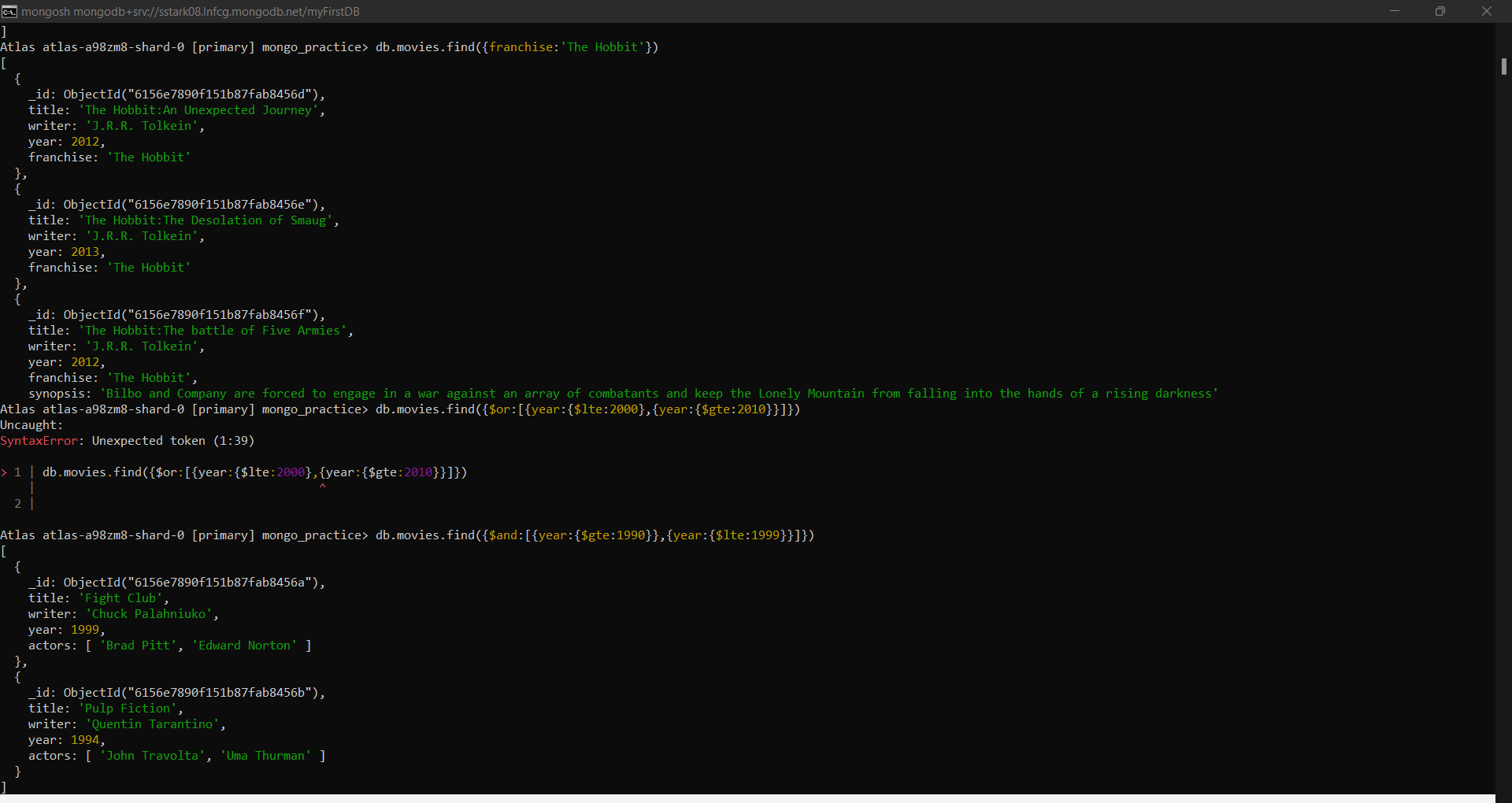
1. Get all documents where actors include ‘Brad Pitt’:



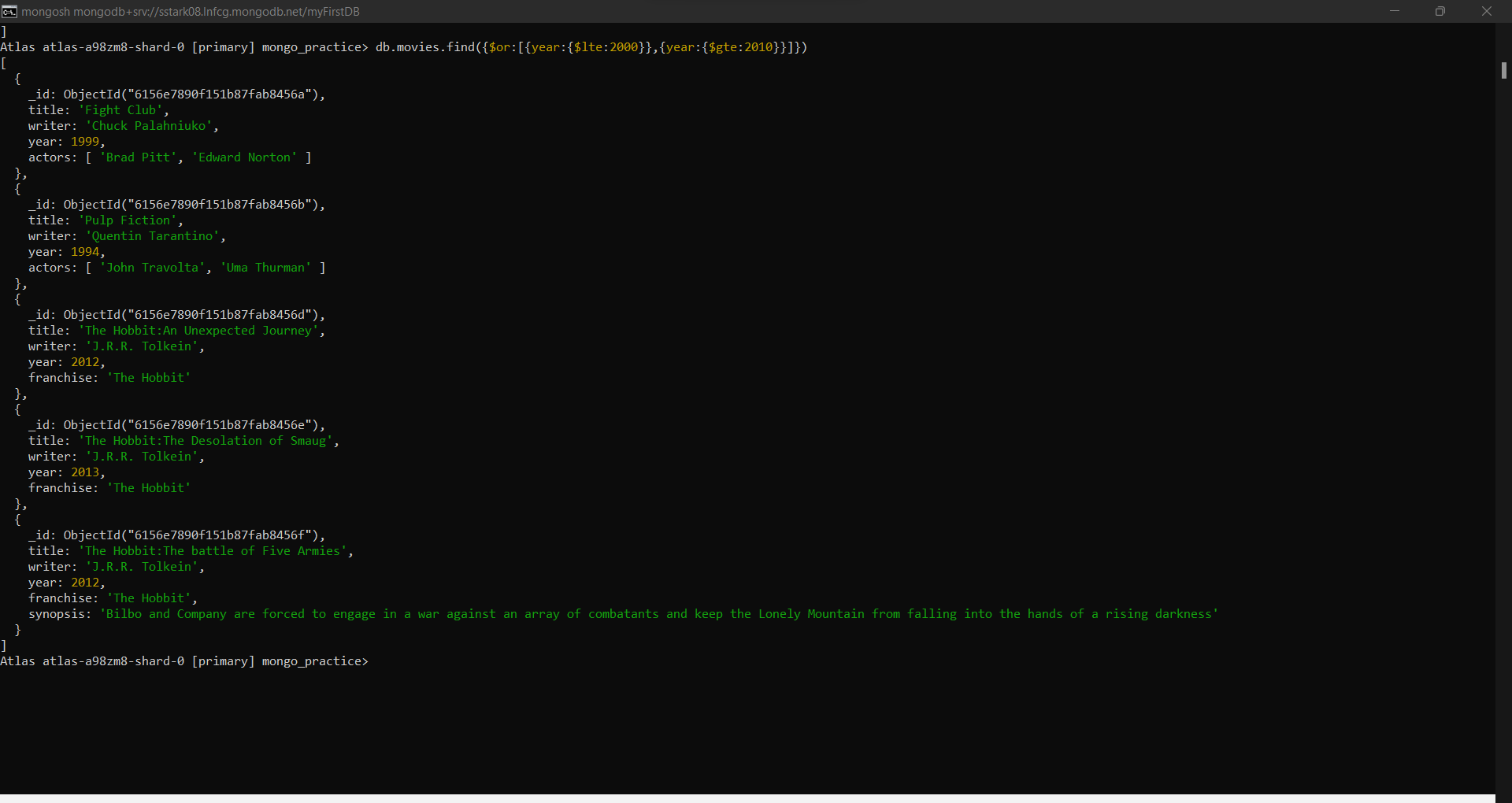
1. Get all documents where franchise is ‘The Hobbit’:



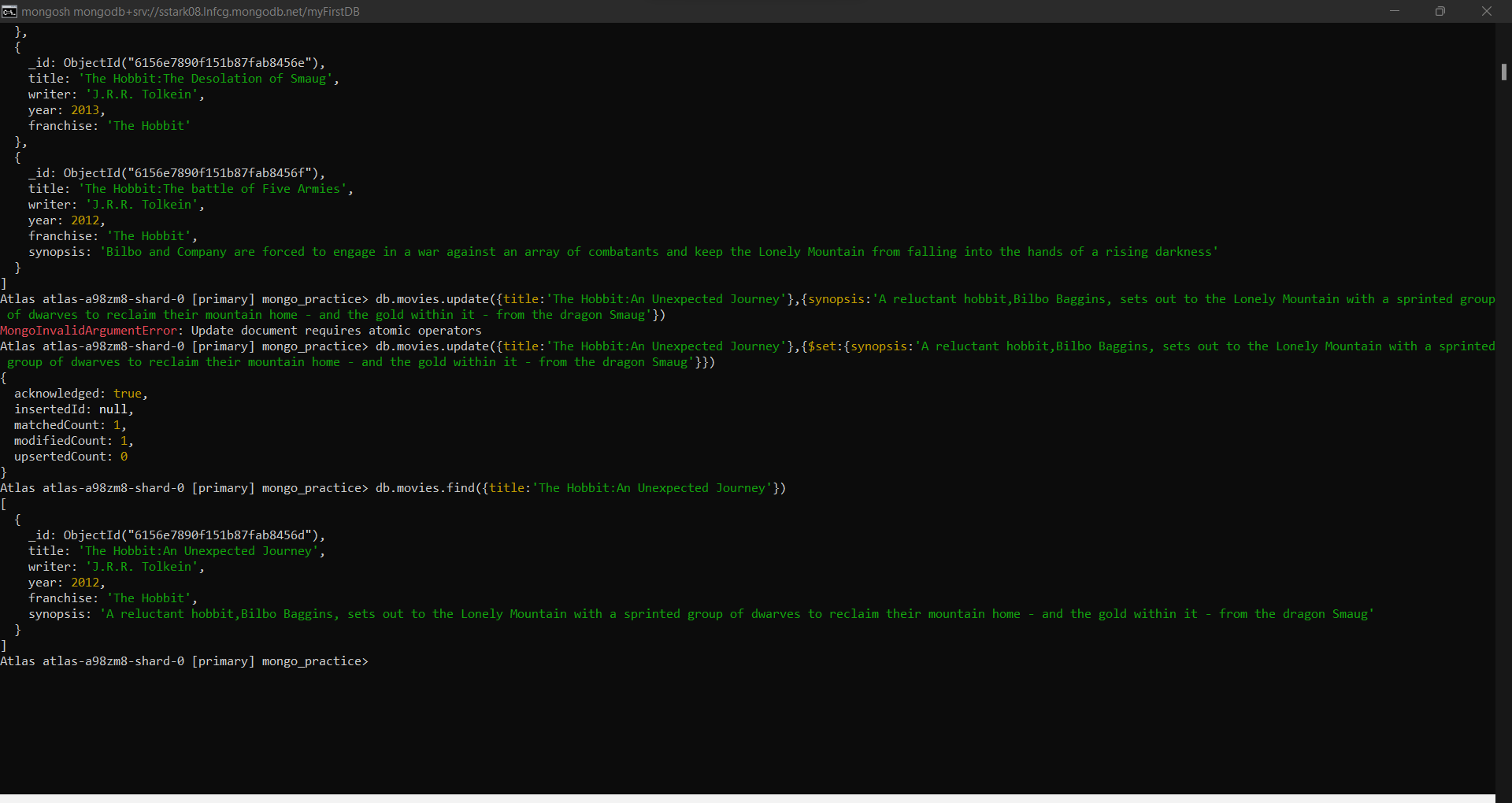
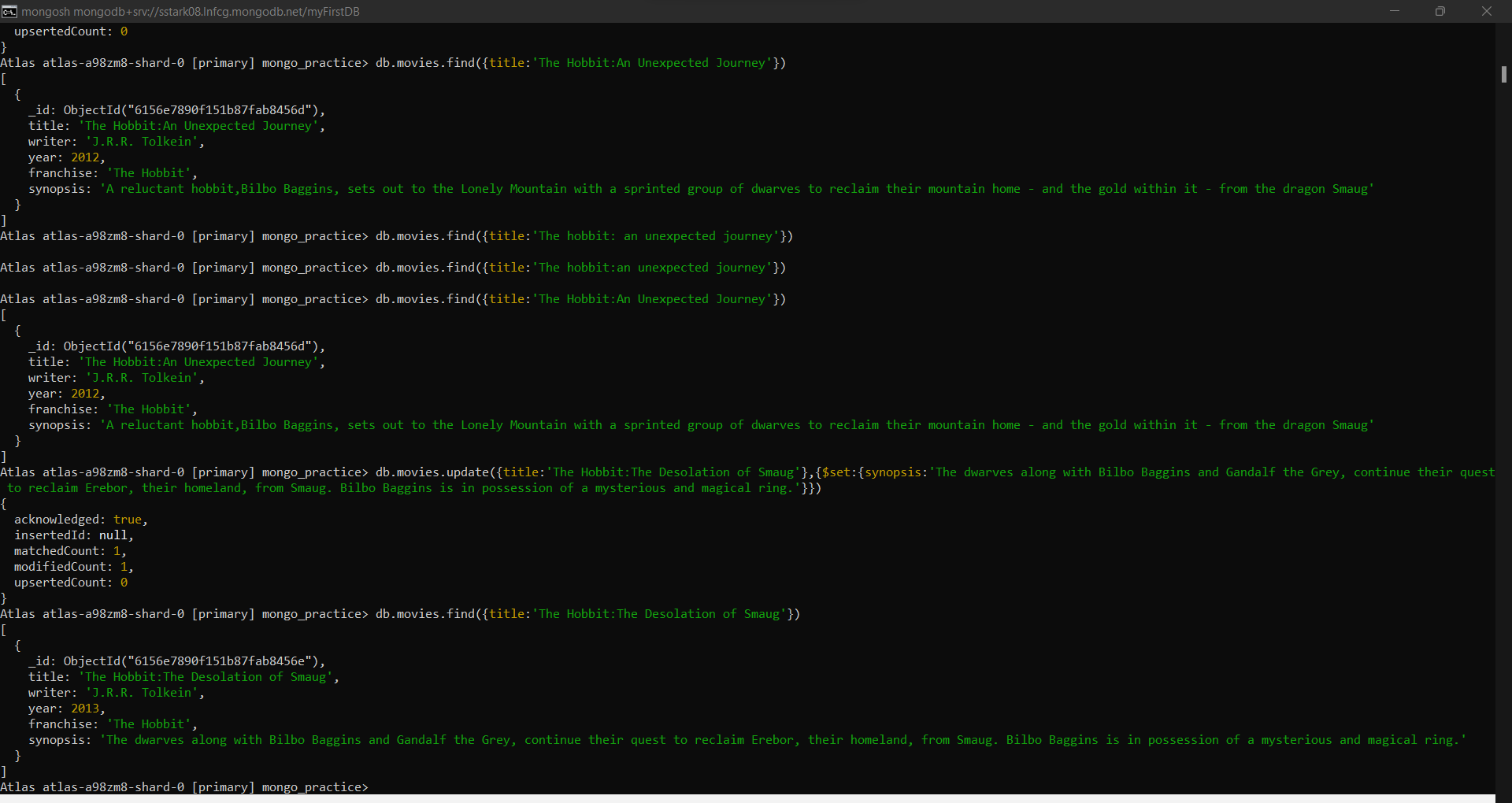
1. Get all movies released in 90s:

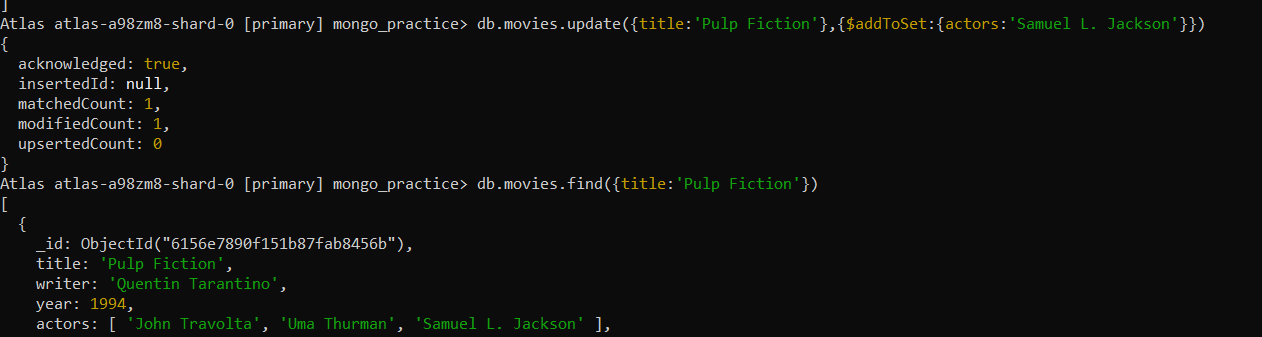


1. Get all movies released before year 2000 or after 2010:



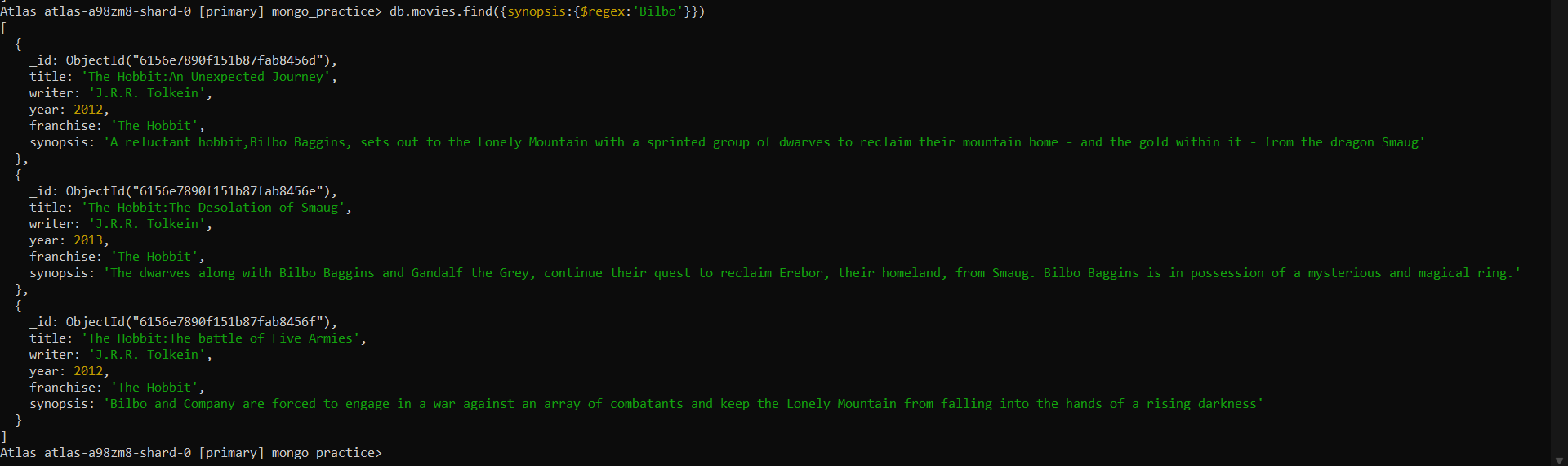
**Update Documents:**

1. Add synopsis to ‘The Hobbit:An Unexpected Journey’:
2. Add Synopsis to ‘The Hobbit:The Desolation of Smaug’:
3. Add actor name ‘Samuel L. Jackson’ to the movie ‘Pulp Fiction’:

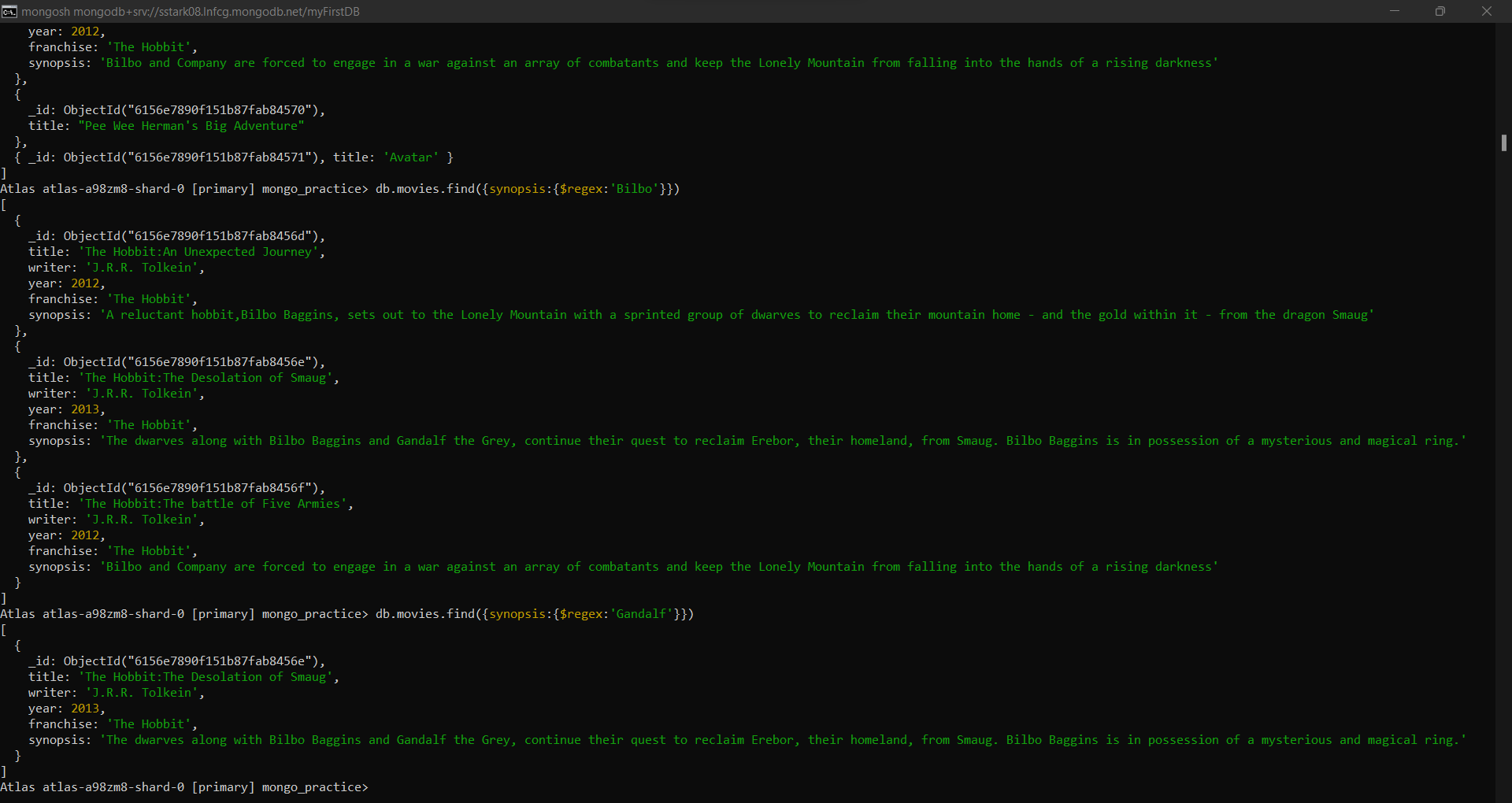


**Text Search:**

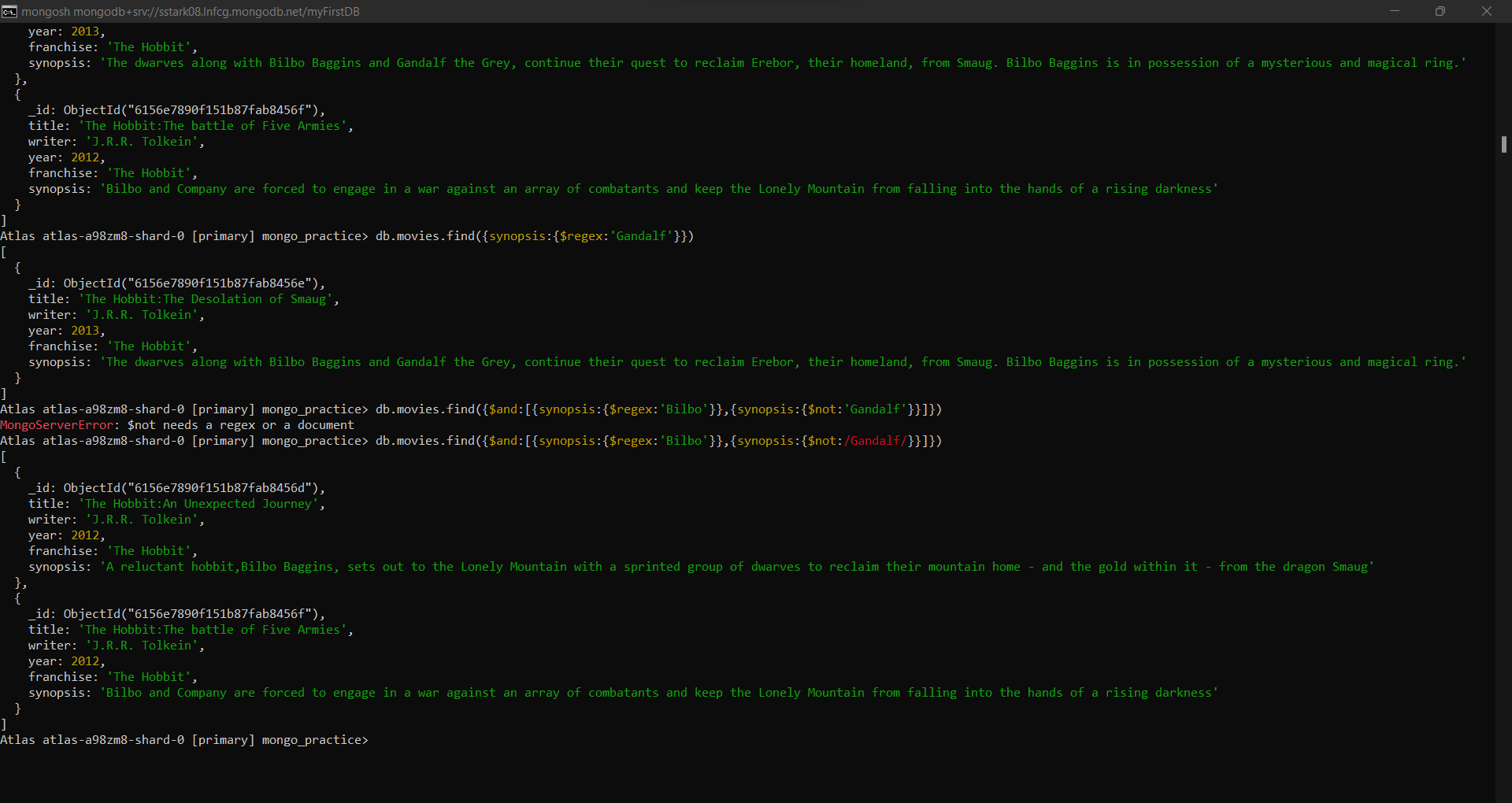
1. Find all movies that have a synopsis that contains the word ‘Bilbo’:



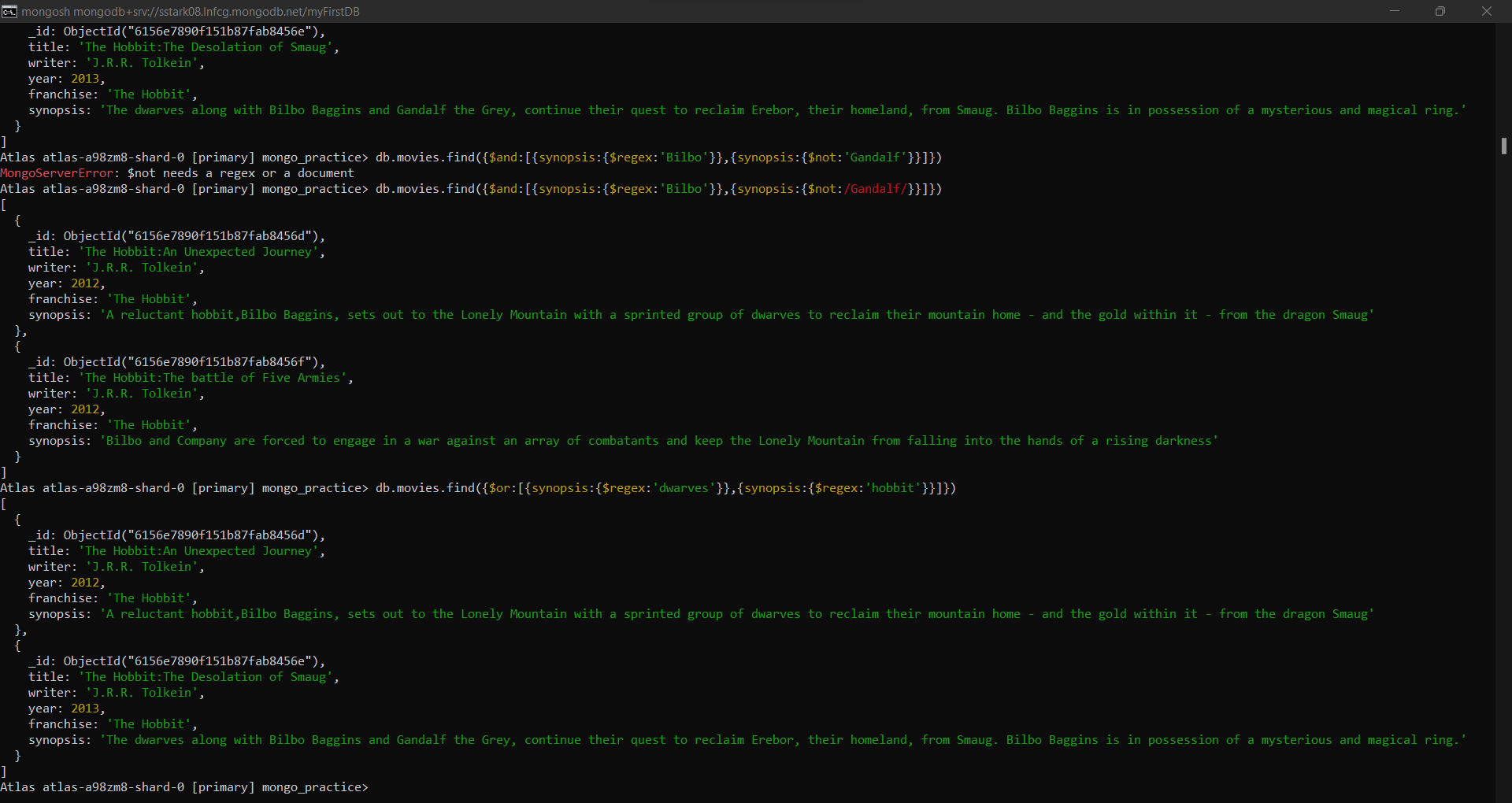
1. Find all movies that have a synopsis that contains the word ‘Gandalf’:



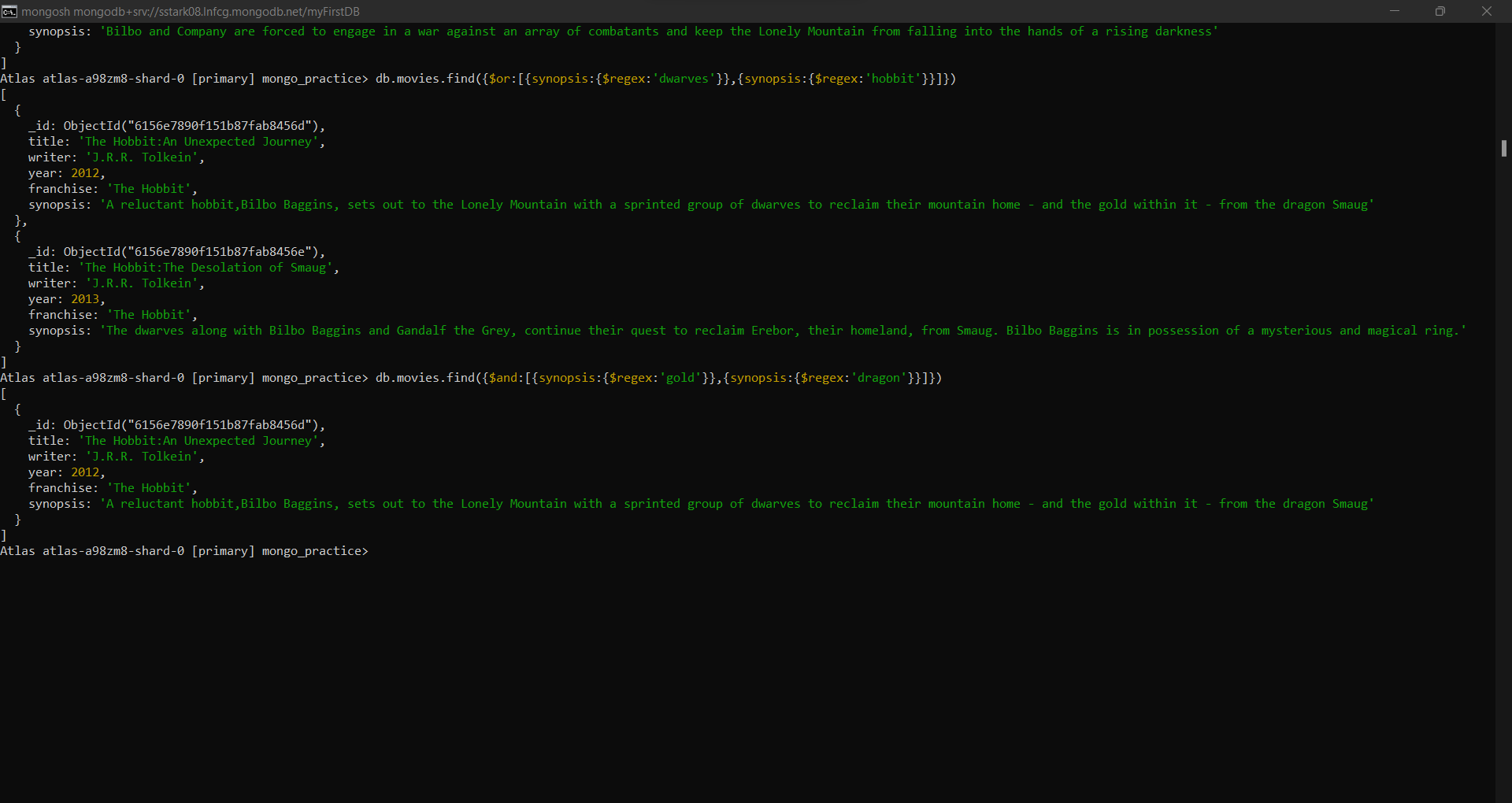
1. Find all movies that have a synopsis that contains the word ‘Bilbo’ and not the word ‘Gandalf’:



1. Find all movies that have a synopsis that contains the word ‘dwarves’ or ‘hobbit’:

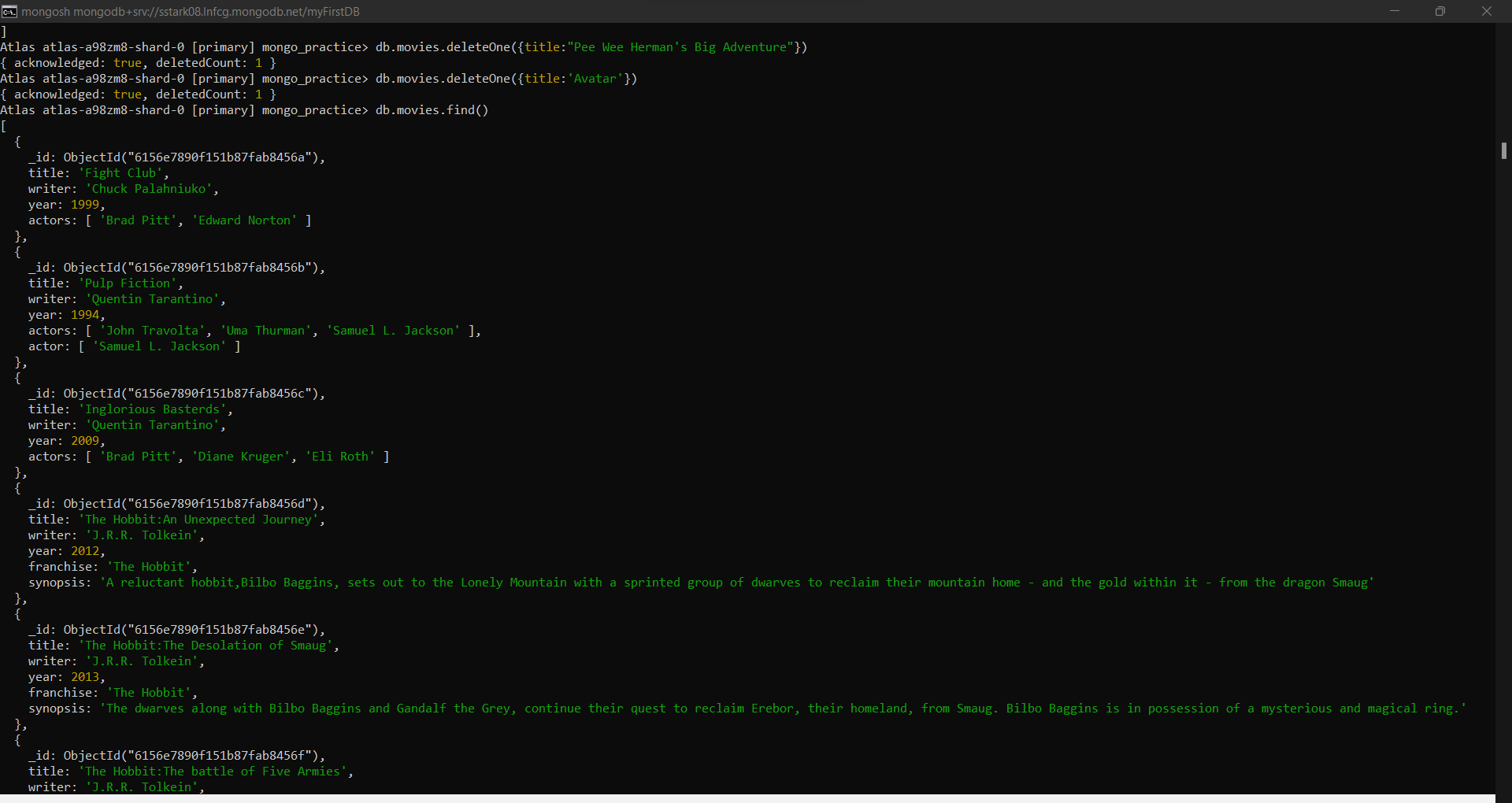


1. Find all movies that have a synopsis that contains the word ‘gold’ and ‘dragon’:

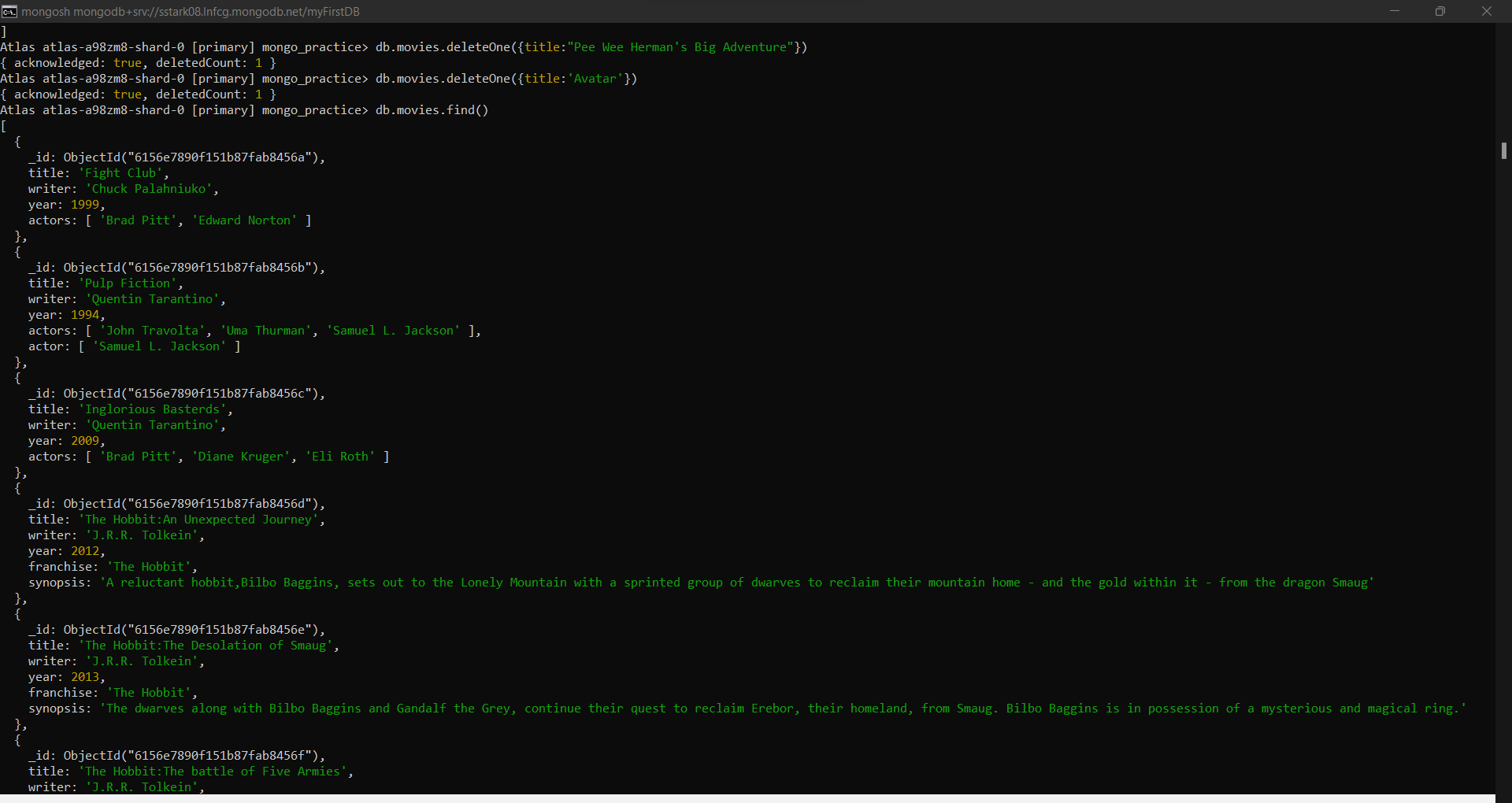


**Delete Documents:**

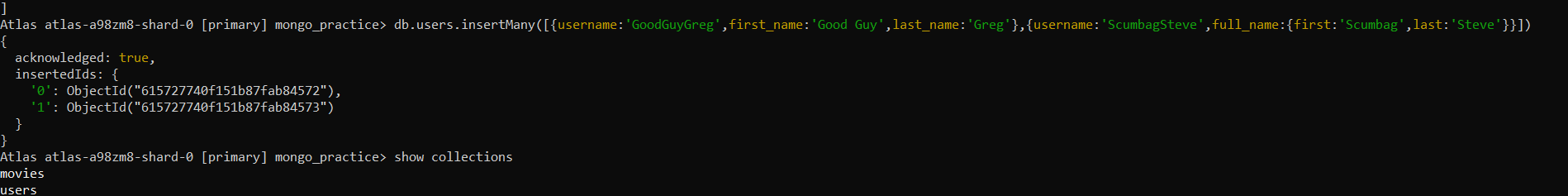
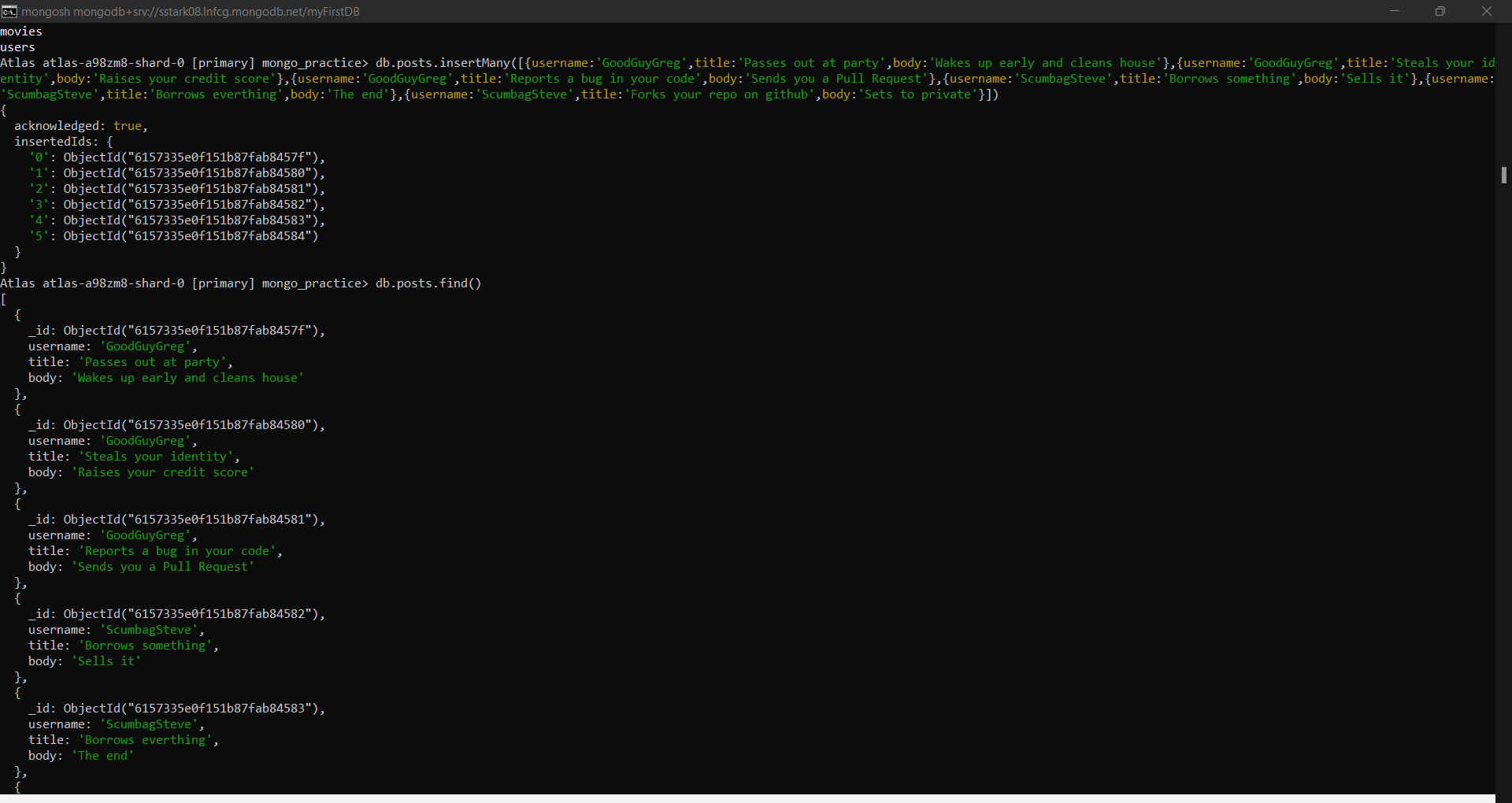
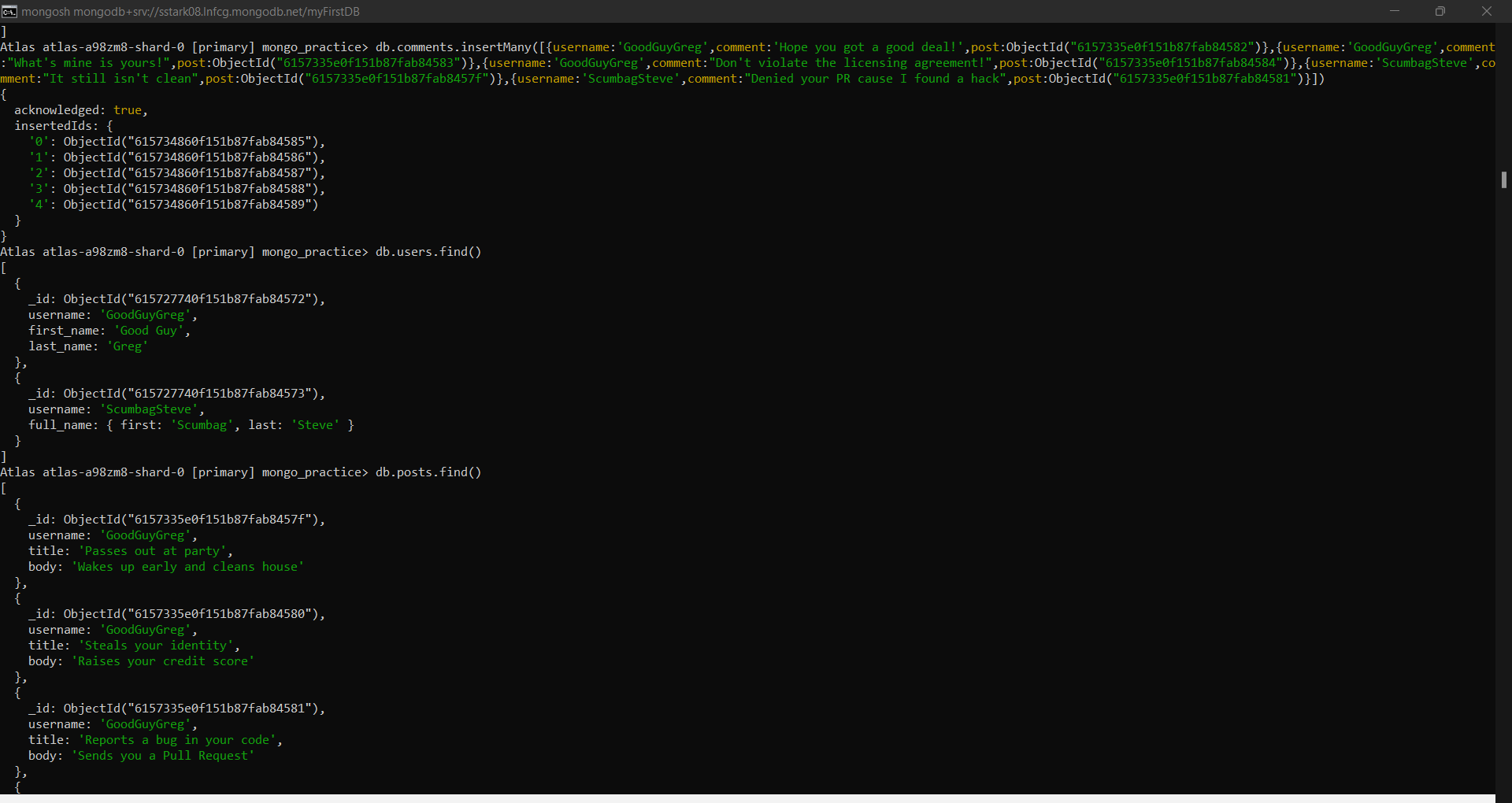
1. Delete Movie name ‘Pee Wee Herman’s Big Adventure’:

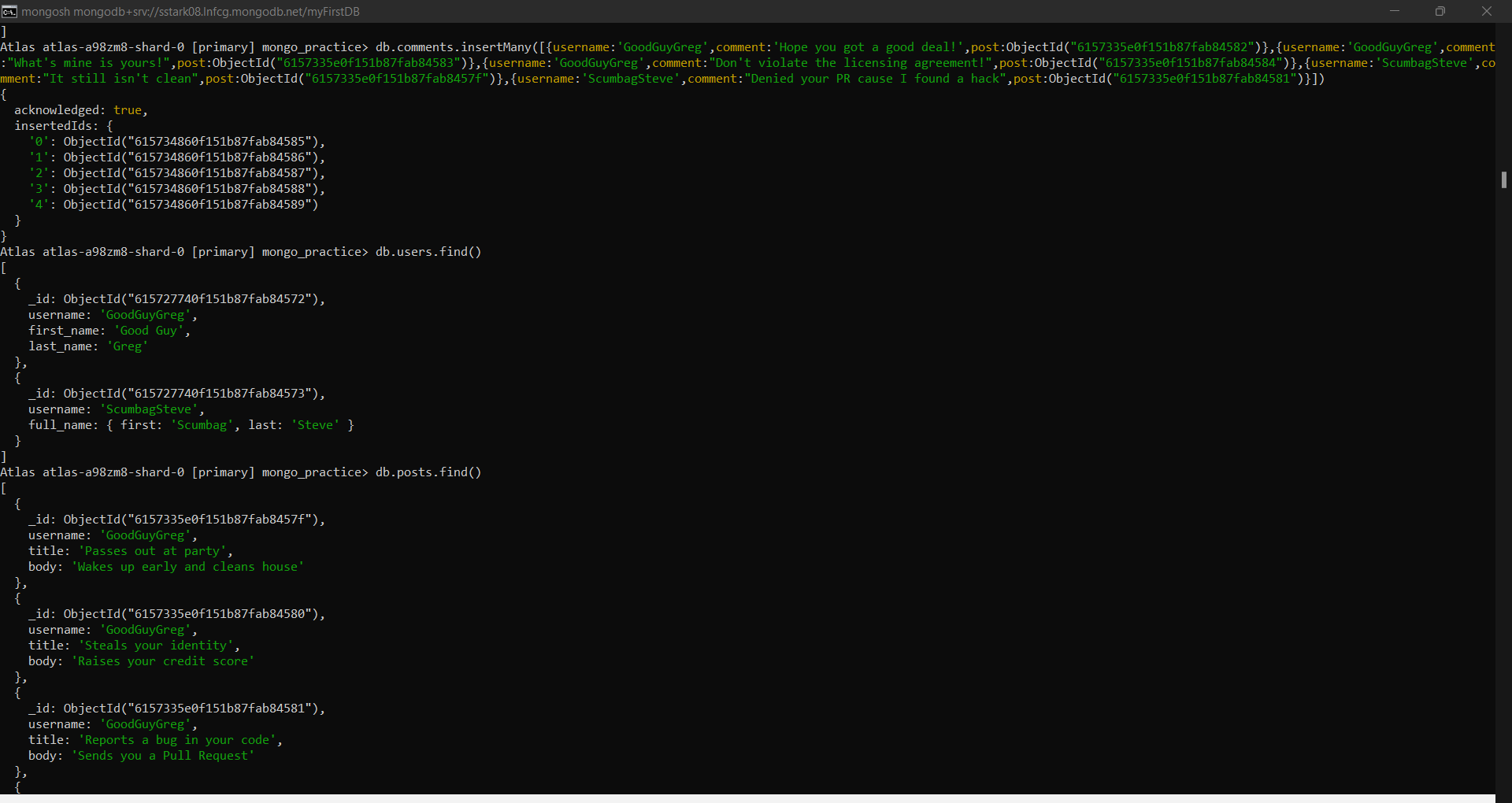


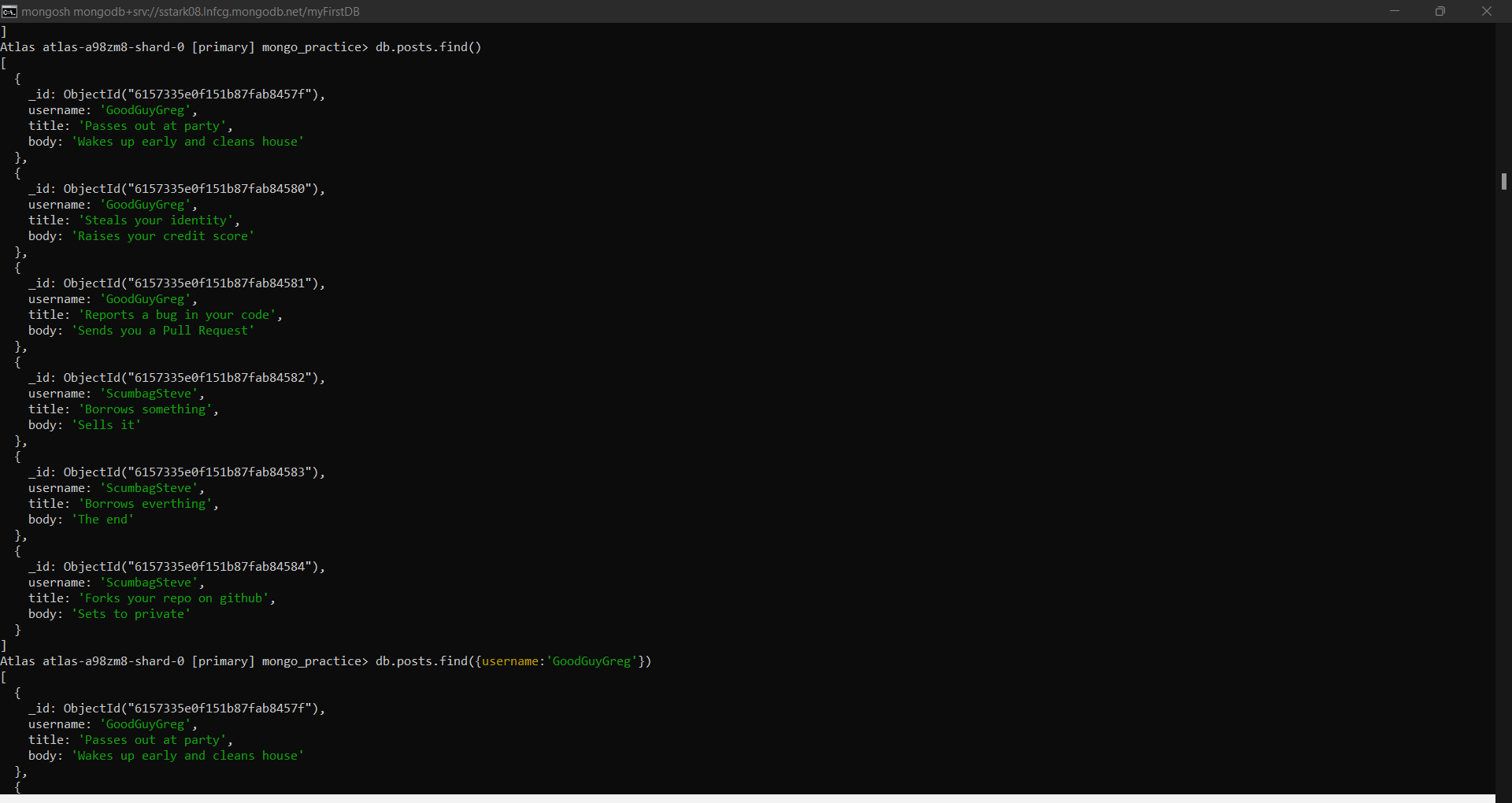
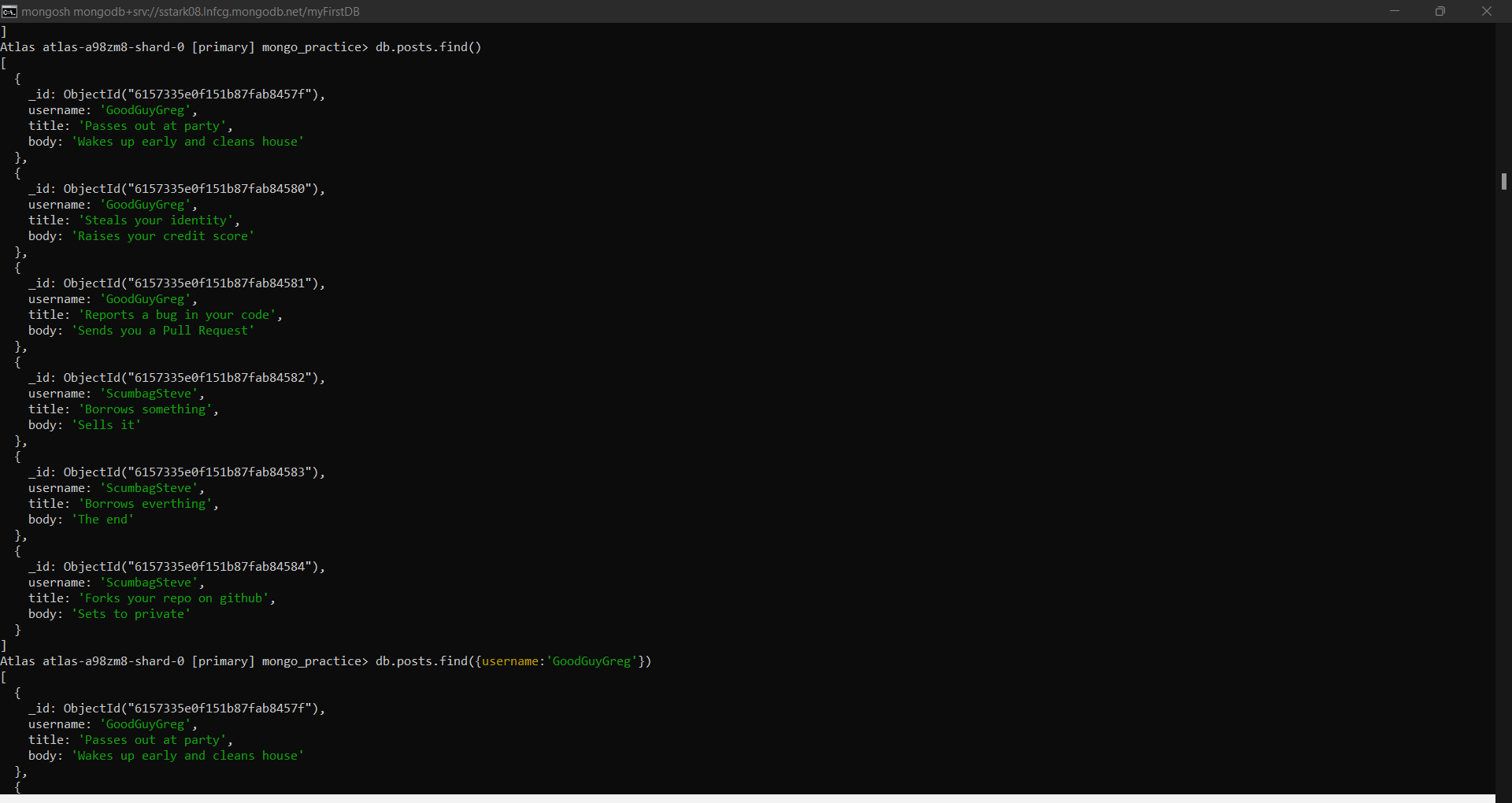
1. Delete movie name ‘Avatar’:

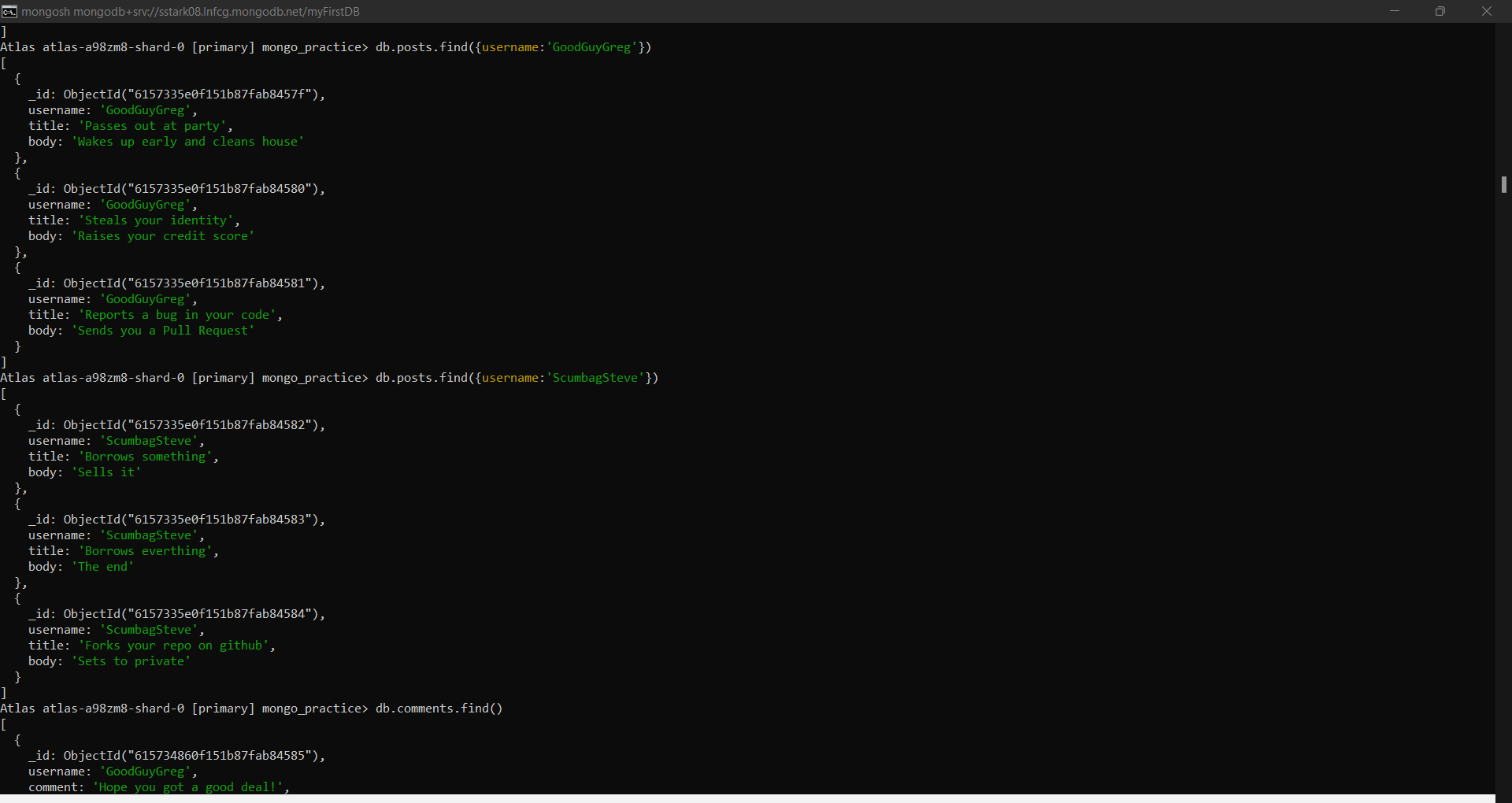


**Relationships:**

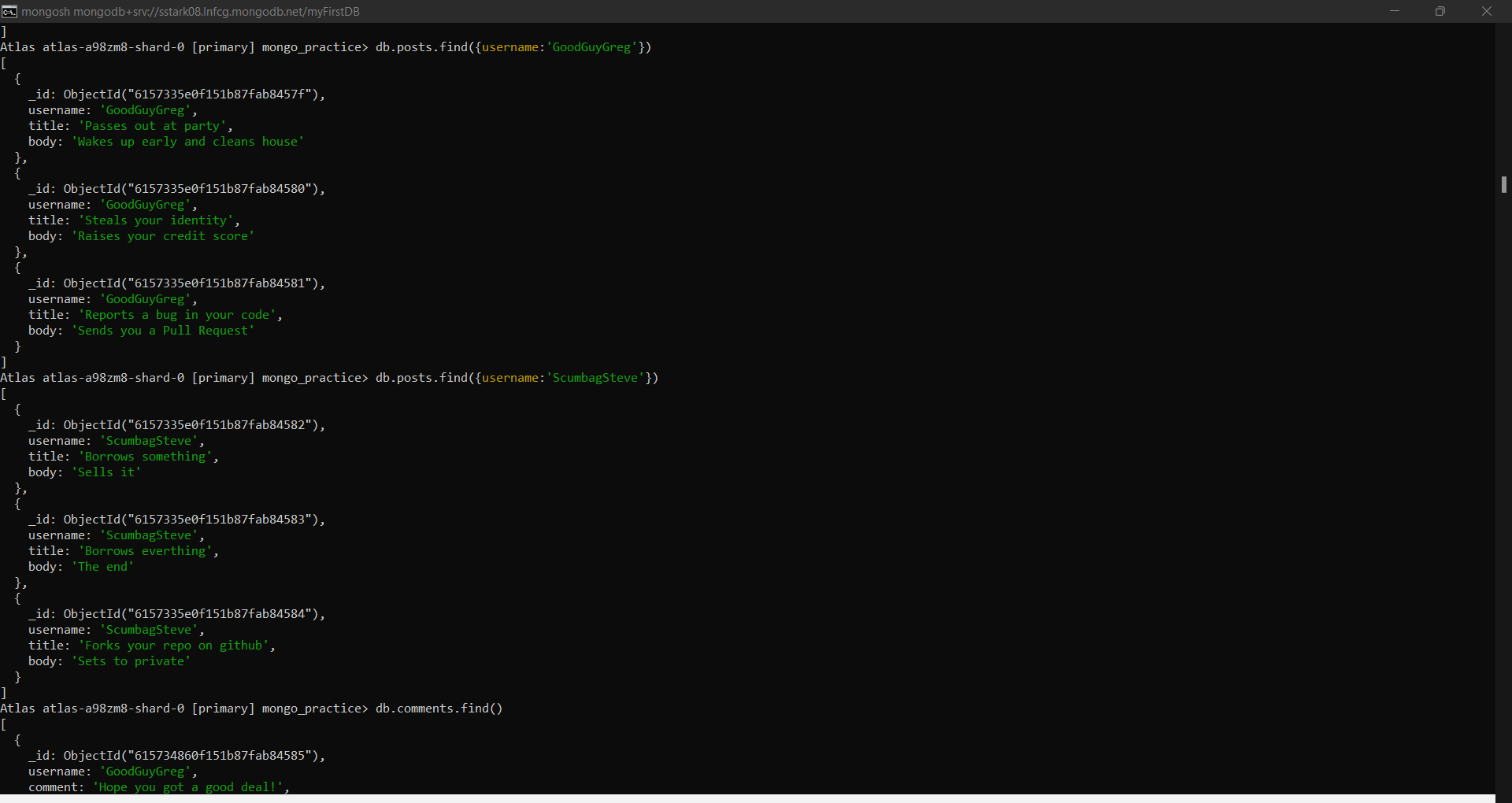
1. Insert following documents into a users collection:
2. Insert following documents into a posts collection:
3. Insert following documents into a comments collection:
4. Find all users:



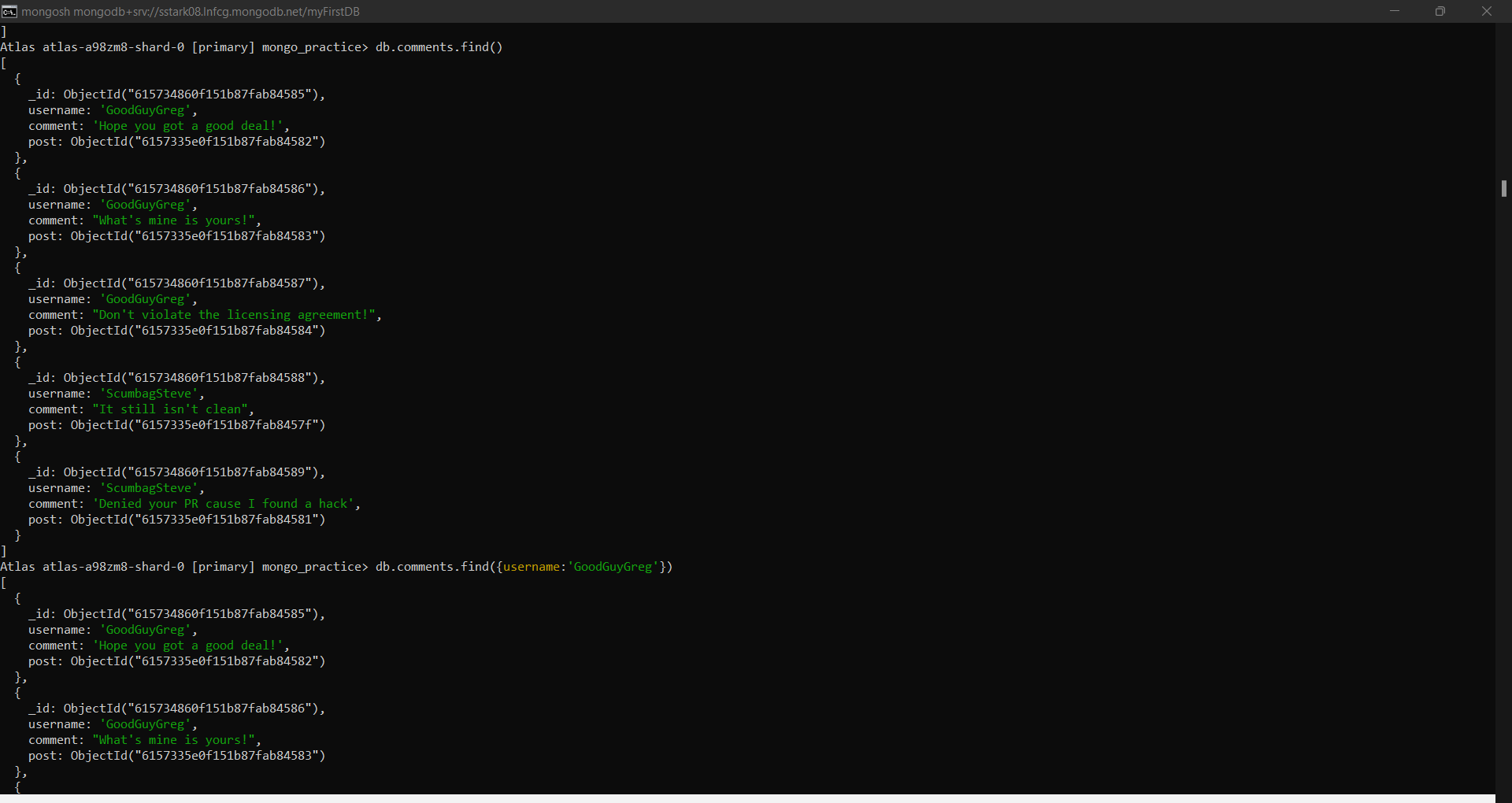
1. Find all posts:
2. Find all posts that was authored by ‘GoodGuyGreg’:



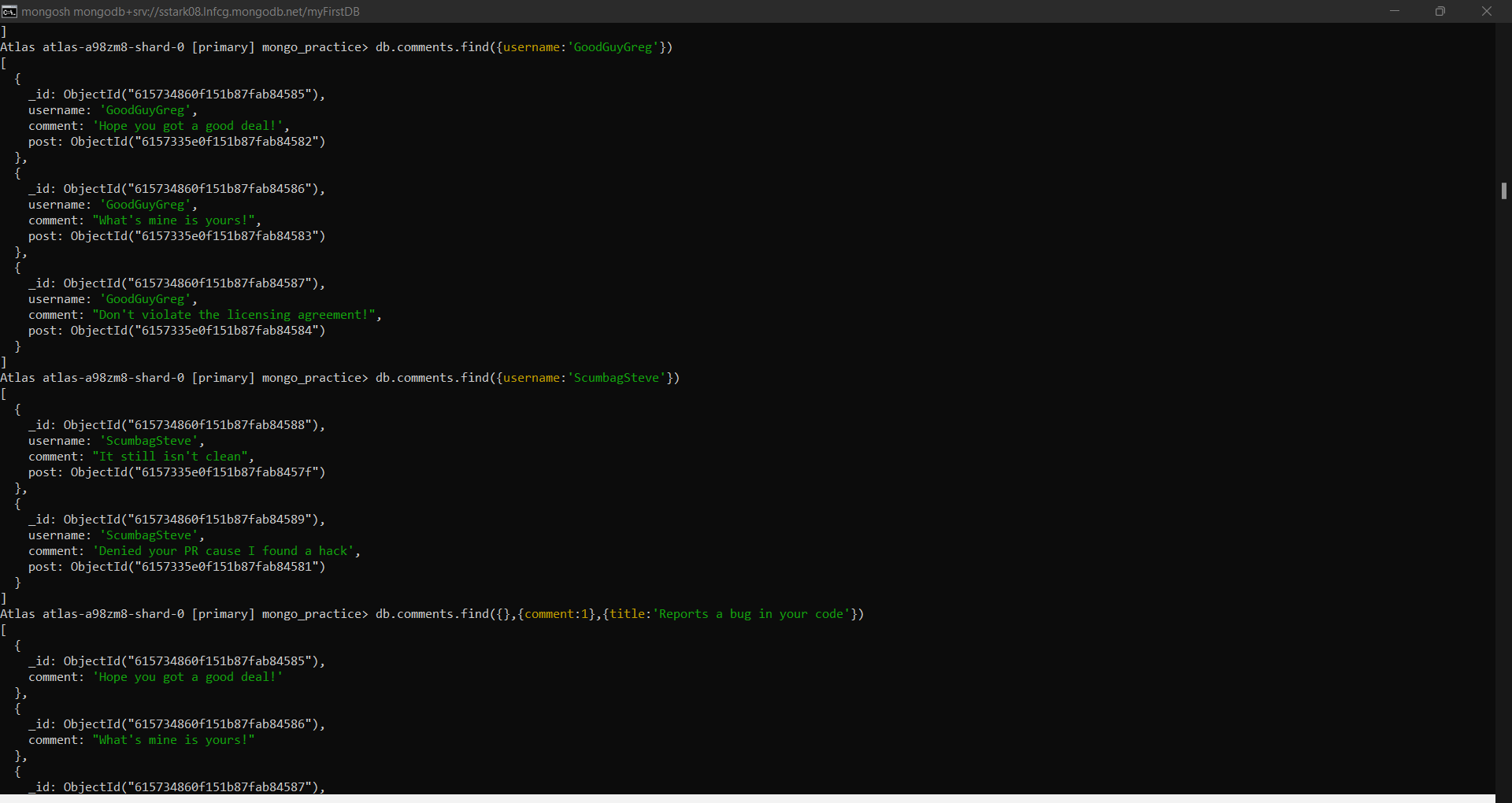
1. Find all posts that was authored by ‘ScumbagSteve’:



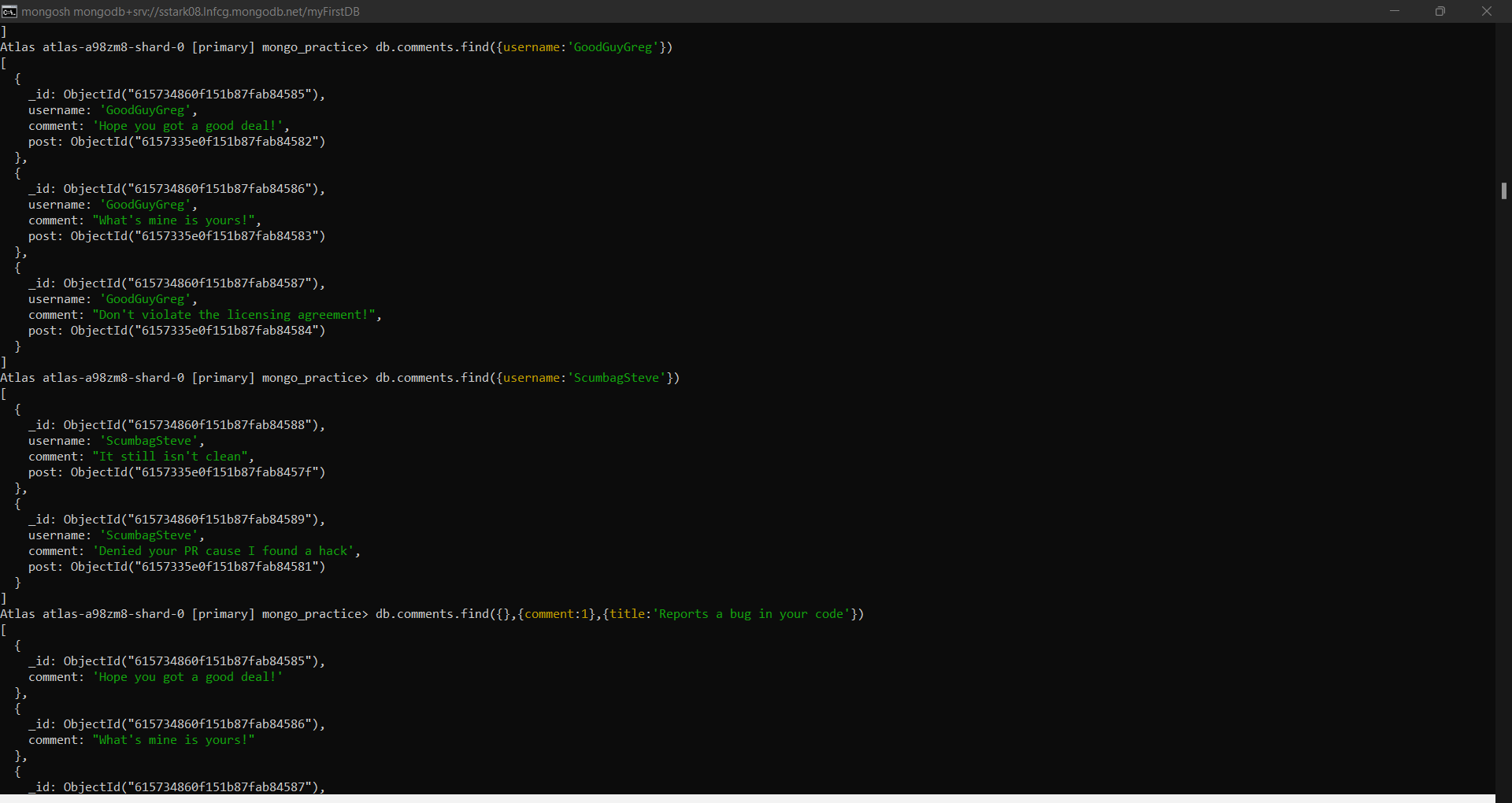
1. Find all comments:



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’:

