INSERT DOCUMENTS

QUERY/FIND DOCUMENTS

```
C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.apnyg.mongodb.net/myFirstDatabase" --username pia_25                    —   □   ×
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> use mongo_practice
switched to db mongo_practice
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.insert({title:"Fight Club", writer:"Chuck Palahnuik", year:"1999", actors:["Brad Pitt","Edward Nortan"]});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.insert({title:"Pulp Fiction", writer:"Quention Tarantino", year:"1994", actors:["John Travolta","Uma Thurman"
]});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.insert({title:"Inglorious Basterds", writer:"Quention Tarantino", year:"2009", actors:["Brad Pitt","Diane Kru
ger","Eli Roth"]});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.insert({title:"The Hobbit: An Unexpected Journey", writer:"J.R.R. Tolkein", year:"2012", franchise:["The Hobb
it"]});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.insert({title:"The Hobbit: The Desolation of Smug", writer:"J.R.R. Tolkein", year:"2013", franchise:["The Hob
bit"]});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.insert({title:"The Hobbit: The Battle of the Five Armies", writer:"J.R.R. Tolkein", year:"2012", franchise:"T
he 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 the ris
ing darkness"});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> show dbs
Movies          0.000GB
admin           0.000GB
local           3.549GB
mongo_practice  0.000GB
test            0.000GB
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.find().pretty();
{
        "_id" : ObjectId("6106941c85c6ae65cf2c5002"),
        "title" : "Fight Club",
        "writer" : "Chuck Palahnuik",
        "year" : "1999",
        "actors" : [
                "Brad Pitt",
                "Edward Nortan"
        ]
}
{
        "_id" : ObjectId("6106942785c6ae65cf2c5003"),
        "title" : "Pulp Fiction",
        "writer" : "Quention Tarantino",
        "year" : "1994",
        "actors" : [
                "John Travolta",
                "Uma Thurman"
        ]
```

```
C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.apnyg.mongodb.net/myFirstDatabase" --username pia_25                    —   □   ×
                "Uma Thurman"
        ]
}
{
        "_id" : ObjectId("6106942e85c6ae65cf2c5004"),
        "title" : "Inglorious Basterds",
        "writer" : "Quention Tarantino",
        "year" : "2009",
        "actors" : [
                "Brad Pitt",
                "Diane Kruger",
                "Eli Roth"
        ]
}
{
        "_id" : ObjectId("6106943685c6ae65cf2c5005"),
        "title" : "The Hobbit: An Unexpected Journey",
        "writer" : "J.R.R. Tolkein",
        "year" : "2012",
        "franchise" : [
                "The Hobbit"
        ]
}
{
        "_id" : ObjectId("6106944285c6ae65cf2c5006"),
        "title" : "The Hobbit: The Desolation of Smug",
        "writer" : "J.R.R. Tolkein",
        "year" : "2013",
        "franchise" : [
                "The Hobbit"
        ]
}
{
        "_id" : ObjectId("6106944985c6ae65cf2c5007"),
        "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 the ris
ing darkness"
}
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.mongo_practice.find().pretty();
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> show dbs
Movies          0.000GB
```

```
}
{
        "_id" : ObjectId("6106942e85c6ae65cf2c5004"),
        "title" : "Inglorious Basterds",
        "writer" : "Quention Tarantino",
        "year" : "2009",
        "actors" : [
                "Brad Pitt",
                "Diane Kruger",
                "Eli Roth"
        ]
}
{
        "_id" : ObjectId("6106943685c6ae65cf2c5005"),
        "title" : "The Hobbit: An Unexpected Journey",
        "writer" : "J.R.R. Tolkein",
        "year" : "2012",
        "franchise" : [
                "The Hobbit"
        ]
}
{
        "_id" : ObjectId("6106944285c6ae65cf2c5006"),
        "title" : "The Hobbit: The Desolation of Smug",
        "writer" : "J.R.R. Tolkein",
        "year" : "2013",
        "franchise" : [
                "The Hobbit"
        ]
}
{
        "_id" : ObjectId("6106944985c6ae65cf2c5007"),
        "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 the ris
ing darkness"
}
{
        "_id" : ObjectId("6106959485c6ae65cf2c5008"),
        "title" : "Pee Wee Herman's Big Adventures"
}
{ "_id" : ObjectId("610695b385c6ae65cf2c5009"), "title" : "Avatar" }
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.find();
{ "_id" : ObjectId("6106941c85c6ae65cf2c5002"), "title" : "Fight Club", "writer" : "Chuck Palahnuik", "year" : "1999", "actors" : [ "Brad Pitt", "Edward Nortan" ] }
```

C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.apnyg.mongodb.net/myFirstDatabase" --username pia_25

{ "_id" : ObjectId("610695b385c6ae65cf2c5009"), "title" : "Avatar" }
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.find();
{ "_id" : ObjectId("6106941c85c6ae65cf2c5002"), "title" : "Fight Club", "writer" : "Chuck Palahnuik", "year" : "1999", "actors" : ["Brad Pitt", "Edward Nortan"] }
{ "_id" : ObjectId("6106942785c6ae65cf2c5003"), "title" : "Pulp Fiction", "writer" : "Quention Tarantino", "year" : "1994", "actors" : ["John Travolta", "Uma Thurman"
] }
{ "_id" : ObjectId("6106942e85c6ae65cf2c5004"), "title" : "Inglorious Basterds", "writer" : "Quention Tarantino", "year" : "2009", "actors" : ["Brad Pitt", "Diane Krug
er", "Eli Roth"] }
{ "_id" : ObjectId("6106943685c6ae65cf2c5005"), "title" : "The Hobbit: An Unexpected Journey", "writer" : "J.R.R. Tolkein", "year" : "2012", "franchise" : ["The Hobbit
"] }
{ "_id" : ObjectId("6106944285c6ae65cf2c5006"), "title" : "The Hobbit: The Desolation of Smug", "writer" : "J.R.R. Tolkein", "year" : "2013", "franchise" : ["The Hobbi
t"] }
{ "_id" : ObjectId("6106944985c6ae65cf2c5007"), "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 the ri
sing darkness" }
{ "_id" : ObjectId("610695948c5c6ae65cf2c5008"), "title" : "Pee Wee Herman's Big Adventures" }
{ "_id" : ObjectId("610695b385c6ae65cf2c5009"), "title" : "Avatar" }
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.find({writer:"Quenti Tarantino"});
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.find({writer:"Quentin Tarantino"});
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.find({writer:"Quention Tarantino"});
{ "_id" : ObjectId("6106942785c6ae65cf2c5003"), "title" : "Pulp Fiction", "writer" : "Quention Tarantino", "year" : "1994", "actors" : ["John Travolta", "Uma Thurman"
] }
{ "_id" : ObjectId("6106942e85c6ae65cf2c5004"), "title" : "Inglorious Basterds", "writer" : "Quention Tarantino", "year" : "2009", "actors" : ["Brad Pitt", "Diane Krug
er", "Eli Roth"] }
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.find({actors:"Brad Pitt"});
{ "_id" : ObjectId("6106941c85c6ae65cf2c5002"), "title" : "Fight Club", "writer" : "Chuck Palahnuik", "year" : "1999", "actors" : ["Brad Pitt", "Edward Nortan"] }
{ "_id" : ObjectId("6106942e85c6ae65cf2c5004"), "title" : "Inglorious Basterds", "writer" : "Quention Tarantino", "year" : "2009", "actors" : ["Brad Pitt", "Diane Krug
er", "Eli Roth"] }
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.find({franchise:"The Hobbit"});
{ "_id" : ObjectId("6106943685c6ae65cf2c5005"), "title" : "The Hobbit: An Unexpected Journey", "writer" : "J.R.R. Tolkein", "year" : "2012", "franchise" : ["The Hobbit
"] }
{ "_id" : ObjectId("6106944285c6ae65cf2c5006"), "title" : "The Hobbit: The Desolation of Smug", "writer" : "J.R.R. Tolkein", "year" : "2013", "franchise" : ["The Hobbi
t"] }
{ "_id" : ObjectId("6106944985c6ae65cf2c5007"), "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 the ri
sing darkness" }
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.find({year:{$gt:"1990",$lt:"2000"}});
{ "_id" : ObjectId("6106941c85c6ae65cf2c5002"), "title" : "Fight Club", "writer" : "Chuck Palahnuik", "year" : "1999", "actors" : ["Brad Pitt", "Edward Nortan"] }
{ "_id" : ObjectId("6106942785c6ae65cf2c5003"), "title" : "Pulp Fiction", "writer" : "Quention Tarantino", "year" : "1994", "actors" : ["John Travolta", "Uma Thurman"
] }
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.find({$or:[{year:{$gt:"2010"}},{year:{$lt:"2000"}}]});
{ "_id" : ObjectId("6106941c85c6ae65cf2c5002"), "title" : "Fight Club", "writer" : "Chuck Palahnuik", "year" : "1999", "actors" : ["Brad Pitt", "Edward Nortan"] }
{ "_id" : ObjectId("6106942785c6ae65cf2c5003"), "title" : "Pulp Fiction", "writer" : "Quention Tarantino", "year" : "1994", "actors" : ["John Travolta", "Uma Thurman"
] }
{ "_id" : ObjectId("6106943685c6ae65cf2c5005"), "title" : "The Hobbit: An Unexpected Journey", "writer" : "J.R.R. Tolkein", "year" : "2012", "franchise" : ["The Hobbit
"] }
{ "_id" : ObjectId("6106944285c6ae65cf2c5006"), "title" : "The Hobbit: The Desolation of Smug", "writer" : "J.R.R. Tolkein", "year" : "2013", "franchise" : ["The Hobbi

C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.apnyg.mongodb.net/myFirstDatabase" --username pia_25

MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.find({$or:[{year:{$gt:"2010"}},{year:{$lt:"2000"}}]});
{ "_id" : ObjectId("6106941c85c6ae65cf2c5002"), "title" : "Fight Club", "writer" : "Chuck Palahnuik", "year" : "1999", "actors" : ["Brad Pitt", "Edward Nortan"] }
{ "_id" : ObjectId("6106942785c6ae65cf2c5003"), "title" : "Pulp Fiction", "writer" : "Quention Tarantino", "year" : "1994", "actors" : ["John Travolta", "Uma Thurman"
] }
{ "_id" : ObjectId("6106943685c6ae65cf2c5005"), "title" : "The Hobbit: An Unexpected Journey", "writer" : "J.R.R. Tolkein", "year" : "2012", "franchise" : ["The Hobbit
"] }
{ "_id" : ObjectId("6106944285c6ae65cf2c5006"), "title" : "The Hobbit: The Desolation of Smug", "writer" : "J.R.R. Tolkein", "year" : "2013", "franchise" : ["The Hobbi
t"] }
{ "_id" : ObjectId("6106944985c6ae65cf2c5007"), "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 the ri
sing darkness" }
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY>

UPDATE DOCUMENTS

```
C:\Windows\System32\cmd.exe - mongo  "mongodb+srv://cluster0.apnyg.mongodb.net/myFirstDatabase" --username pia_25          —   □   ×

MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> use mongo_practice
switched to db mongo_practice
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.update({_id:ObjectId("6106943685c6ae65cf2c5005")},{$set:{synopsis:"A reluctant hobbit, Bilbo Baggins, sets ou
t to the Lonely Mountain with a spirited group of drawves to reclaim their mountain home - and the gold within it - from the dragon Smaug. "}});
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 0 })
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.update({_id:ObjectId("6106944285c6ae65cf2c5006")},{$set:{synopsis:"The drawves, 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."}});
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.update({_id:ObjectId("6106942785c6ae65cf2c5003")},{$push:{actors:"Samuel L. Jackson"}});
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.find().pretty();
{
        "_id" : ObjectId("6106941c85c6ae65cf2c5002"),
        "title" : "Fight Club",
        "writer" : "Chuck Palahnuik",
        "year" : "1999",
        "actors" : [
                "Brad Pitt",
                "Edward Nortan"
        ]
}
{
        "_id" : ObjectId("6106942785c6ae65cf2c5003"),
        "title" : "Pulp Fiction",
        "writer" : "Quention Tarantino",
        "year" : "1994",
        "actors" : [
                "John Travolta",
                "Uma Thurman",
                "Samuel L. Jackson"
        ]
}
{
        "_id" : ObjectId("6106942e85c6ae65cf2c5004"),
        "title" : "Inglorious Basterds",
        "writer" : "Quention Tarantino",
        "year" : "2009",
        "actors" : [
                "Brad Pitt",
                "Diane Kruger",
                "Eli Roth"
        ]
}
{
        "_id" : ObjectId("6106943685c6ae65cf2c5005"),
        "title" : "The Hobbit: An Unexpected Journey",
```

```
C:\Windows\System32\cmd.exe - mongo  "mongodb+srv://cluster0.apnyg.mongodb.net/myFirstDatabase" --username pia_25          —   □   ×

        ]
}
{
        "_id" : ObjectId("6106943685c6ae65cf2c5005"),
        "title" : "The Hobbit: An Unexpected Journey",
        "writer" : "J.R.R. Tolkein",
        "year" : "2012",
        "franchise" : [
                "The Hobbit"
        ],
        "synopsis" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of drawves to reclaim their mountain home - and the gold
within it - from the dragon Smaug. "
}
{
        "_id" : ObjectId("6106944285c6ae65cf2c5006"),
        "title" : "The Hobbit: The Desolation of Smug",
        "writer" : "J.R.R. Tolkein",
        "year" : "2013",
        "franchise" : [
                "The Hobbit"
        ],
        "synopsis" : "The drawves, along with Bilbo Baggins and Gandalf the Grey, continue their quest to reclaim Erebor, their homeland, from Smaug. Bilbo Baggins is i
n possession of a mysterious and magical ring."
}
{
        "_id" : ObjectId("6106944985c6ae65cf2c5007"),
        "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 the ris
ing darkness"
}
{
        "_id" : ObjectId("6106959485c6ae65cf2c5008"),
        "title" : "Pee Wee Herman's Big Adventures"
}
{ "_id" : ObjectId("610695b385c6ae65cf2c5009"), "title" : "Avatar" }
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY>
```

TEXT SEARCH

C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.apnyg.mongodb.net/myFirstDatabase" --username pia_25

```
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.find({synopsis:{$regex:"Bilbo"}});
{ "_id" : ObjectId("6106943685c6ae65cf2c5005"), "title" : "The Hobbit: An Unexpected Journey", "writer" : "J.R.R. Tolkein", "year" : "2012", "franchise" : [ "The Hobbit" ], "synopsis" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of drawves to reclaim their mountain home - and the gold within it - from the dragon Smaug. " }
{ "_id" : ObjectId("6106944285c6ae65cf2c5006"), "title" : "The Hobbit: The Desolation of Smug", "writer" : "J.R.R. Tolkein", "year" : "2013", "franchise" : [ "The Hobbit" ], "synopsis" : "The drawves, along with Bilbo Baggins and Gandalf the Grey, continue their quest to reclaim Erebor, their homeland, from Smaug. Bilbo Baggins is in possession of a mysterious and magical ring." }
{ "_id" : ObjectId("6106944985c6ae65cf2c5007"), "title" : "The Hobbit: The Battle of the Five Armies", "writer" : "J.R.R. Tolkein", "year" : "2012", "franchise" : "The Hobbit", "synopsis" : "Bilbo and Company are forced to engage in a war against an array of combatants and keep the Lonely Mountain from falling into the hands of the rising darkness" }
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.find({synopsis:{$regex:"Bilbo"}}).pretty();
{
        "_id" : ObjectId("6106943685c6ae65cf2c5005"),
        "title" : "The Hobbit: An Unexpected Journey",
        "writer" : "J.R.R. Tolkein",
        "year" : "2012",
        "franchise" : [
                "The Hobbit"
        ],
        "synopsis" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of drawves to reclaim their mountain home - and the gold within it - from the dragon Smaug. "
}
{
        "_id" : ObjectId("6106944285c6ae65cf2c5006"),
        "title" : "The Hobbit: The Desolation of Smug",
        "writer" : "J.R.R. Tolkein",
        "year" : "2013",
        "franchise" : [
                "The Hobbit"
        ],
        "synopsis" : "The drawves, 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."
}
{
        "_id" : ObjectId("6106944985c6ae65cf2c5007"),
        "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 the rising darkness"
}
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.find({synopsis:{$regex:"Gandalf"}});
{ "_id" : ObjectId("6106944285c6ae65cf2c5006"), "title" : "The Hobbit: The Desolation of Smug", "writer" : "J.R.R. Tolkein", "year" : "2013", "franchise" : [ "The Hobbit" ], "synopsis" : "The drawves, 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." }
```

C:\Windows\System32\cmd.exe - mongo "mongodb+srv://cluster0.apnyg.mongodb.net/myFirstDatabase" --username pia_25

```
" ], "synopsis" : "The drawves, 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." }
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.find({synopsis:{$regex:"Gandalf"}}).pretty();
{
        "_id" : ObjectId("6106944285c6ae65cf2c5006"),
        "title" : "The Hobbit: The Desolation of Smug",
        "writer" : "J.R.R. Tolkein",
        "year" : "2013",
        "franchise" : [
                "The Hobbit"
        ],
        "synopsis" : "The drawves, along with Bilbo Baggins and Gandalf the Grey, continue their quest to reclaim Erebor, their homeland, from Smaug. Bilbo Baggins is in possession of a mysterious and magical ring."
}
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.find({$and:[{synopsis:{$regex:"Bilbo"}},{synopsis:{$not:/Gandalf/}}]}).pretty();
{
        "_id" : ObjectId("6106943685c6ae65cf2c5005"),
        "title" : "The Hobbit: An Unexpected Journey",
        "writer" : "J.R.R. Tolkein",
        "year" : "2012",
        "franchise" : [
                "The Hobbit"
        ],
        "synopsis" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of drawves to reclaim their mountain home - and the gold within it - from the dragon Smaug. "
}
{
        "_id" : ObjectId("6106944985c6ae65cf2c5007"),
        "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 the rising darkness"
}
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.find({synopsis:{$regex:"dwarves"}},{synopsis:{$regex:"hobbit"}}]);
uncaught exception: SyntaxError: missing ) after argument list :
@(shell):1:73
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.find({synopsis:{$regex:"dwarves"}}, {synopsis:{$regex:"hobbit"}}]);
uncaught exception: SyntaxError: missing ) after argument list :
@(shell):1:74
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.find({$or:[{synopsis:{$regex:"dwarves"}},{synopsis:{$regex:"hobbit"}}]});
{ "_id" : ObjectId("6106943685c6ae65cf2c5005"), "title" : "The Hobbit: An Unexpected Journey", "writer" : "J.R.R. Tolkein", "year" : "2012", "franchise" : [ "The Hobbit" ], "synopsis" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of drawves to reclaim their mountain home - and the gold within it - from the dragon Smaug. " }
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.find({$or:[{synopsis:{$regex:"gold"}},{synopsis:{$regex:"dragon"}}]});
```

```
@(shell):1:73
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.find({synopsis:{$regex:"dwarves"}}, {synopsis:{$regex:"hobbit"}}]});
uncaught exception: SyntaxError: missing ) after argument list :
@(shell):1:74
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.find({$or:[{synopsis:{$regex:"dwarves"}},{synopsis:{$regex:"hobbit"}}]});
{ "_id" : ObjectId("6106943685c6ae65cf2c5005"), "title" : "The Hobbit: An Unexpected Journey", "writer" : "J.R.R. Tolkein", "year" : "2012", "franchise" : [ "The Hobbit
" ], "synopsis" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of drawves to reclaim their mountain home - and the gold wit
hin it - from the dragon Smaug. " }
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.find({$or:[{synopsis:{$regex:"gold"}},{synopsis:{$regex:"dragon"}}]});
{ "_id" : ObjectId("6106943685c6ae65cf2c5005"), "title" : "The Hobbit: An Unexpected Journey", "writer" : "J.R.R. Tolkein", "year" : "2012", "franchise" : [ "The Hobbit
" ], "synopsis" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of drawves to reclaim their mountain home - and the gold wit
hin it - from the dragon Smaug. " }
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY>
```

DELETE DOCUMENTS

```
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.remove({_id:ObjectId("6106959485c6ae65cf2c5008")});
WriteResult({ "nRemoved" : 1 })
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.Movies.remove({_id:ObjectId("610695b385c6ae65cf2c5009")});
WriteResult({ "nRemoved" : 1 })
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY>
```

RELATIONSHIPS

➤ USERS COLLECTION

```
C:\Windows\System32\cmd.exe - mongo  "mongodb+srv://cluster0.apnyg.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY>
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.users.insert({username:"GoodGuyGreg", first_name:"Good Guy", last_name:"Greg"});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.users.insert({username:"ScumbagSteve", first_name:"Scumbag", last_name:"Steve"});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY>
```

➤ POSTS COLLECTION

```
C:\Windows\System32\cmd.exe - mongo  "mongodb+srv://cluster0.apnyg.mongodb.net/myFirstDatabase" --username pia_25
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY>
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.users.insert({username:"GoodGuyGreg", first_name:"Good Guy", last_name:"Greg"});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.users.insert({username:"ScumbagSteve", first_name:"Scumbag", last_name:"Steve"});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.posts.insert({username:"ScumbagSteve", title:"Passes out at Party", body:"Wakes up early and cleans house"});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.posts.insert({username:"GoodGuyGreg", title:"Passes out at Party", body:"Wakes up early and cleans house"});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.posts.insert({username:"GoodGuyGreg", title:"Steals your identity", body:"Raises your credit score"});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.posts.insert({username:"GoodGuyGreg", title:"Reports a bug in your code", body:"Sends you a Pull Request"});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.posts.insert({username:"ScumbagSteve", title:"Borrows something", body:"Sells it"});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.posts.insert({username:"ScumbagSteve", title:"Borrows everything", body:"The end"});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.posts.insert({username:"ScumbagSteve", title:"Forks your repo on github", body:"Sets you private"});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY>
```

➢ **COMMENTS COLLECTION**

QUERYING RELATED COLLECTIONS

```
            "body" : "The end"
}
{
            "_id" : ObjectId("6106d0a0e034cb5c97f435a3"),
            "username" : "ScumbagSteve",
            "title" : "Forks your repo on github",
            "body" : "Sets you private"
}
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.posts.find({username:"GoodGuyGreg"}).pretty();
{
            "_id" : ObjectId("6106cf61e034cb5c97f4359e"),
            "username" : "GoodGuyGreg",
            "title" : "Passes out at Party",
            "body" : "Wakes up early and cleans house"
}
{
            "_id" : ObjectId("6106cfbfe034cb5c97f4359f"),
            "username" : "GoodGuyGreg",
            "title" : "Steals your identity",
            "body" : "Raises your credit score"
}
{
            "_id" : ObjectId("6106cfffe034cb5c97f435a0"),
            "username" : "GoodGuyGreg",
            "title" : "Reports a bug in your code",
            "body" : "Sends you a Pull Request"
}
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.posts.find({username:"ScumbagSteve"}).pretty();
{
            "_id" : ObjectId("6106d03ce034cb5c97f435a1"),
            "username" : "ScumbagSteve",
            "title" : "Borrows something",
            "body" : "Sells it"
}
{
            "_id" : ObjectId("6106d068e034cb5c97f435a2"),
            "username" : "ScumbagSteve",
            "title" : "Borrows everything",
            "body" : "The end"
}
{
            "_id" : ObjectId("6106d0a0e034cb5c97f435a3"),
            "username" : "ScumbagSteve",
            "title" : "Forks your repo on github",
            "body" : "Sets you private"
}
```

```
            "_id" : ObjectId("6106d5b2879a6071ebec0f6a"),
            "username" : "GoodGuyGreg",
            "comment" : "What's mine is yours!",
            "post" : ObjectId("6106d068e034cb5c97f435a2")
}
{
            "_id" : ObjectId("6106d730879a6071ebec0f6b"),
            "username" : "GoodGuyGreg",
            "comment" : "Don't violate the licensing agreement!",
            "post" : ObjectId("6106d0a0e034cb5c97f435a3")
}
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.comments.find({username:"ScumbagSteve"}).pretty();
{
            "_id" : ObjectId("6106d7c7879a6071ebec0f6c"),
            "username" : "ScumbagSteve",
            "comment" : "It still isn't clean",
            "post" : ObjectId("6106cf61e034cb5c97f4359e")
}
{
            "_id" : ObjectId("6106d824879a6071ebec0f6d"),
            "username" : "ScumbagSteve",
            "comment" : "Denied your PR cause I found a hack",
            "post" : ObjectId("6106cfffe034cb5c97f435a0")
}
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.comments.find({post:ObjectId("6106cfffe034cb5c97f435a0")}).pretty();
{
            "_id" : ObjectId("6106d824879a6071ebec0f6d"),
            "username" : "ScumbagSteve",
            "comment" : "Denied your PR cause I found a hack",
            "post" : ObjectId("6106cfffe034cb5c97f435a0")
}
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY>
```

```
        "body" : "Sets you private"

MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.comments.find().pretty();
{
        "_id" : ObjectId("6106d4f9879a6071ebec0f69"),
        "username" : "GoodGuyGreg",
        "comment" : "Hope you got a good deal!",
        "post" : ObjectId("6106d03ce034cb5c97f435a1")
}
{
        "_id" : ObjectId("6106d5b2879a6071ebec0f6a"),
        "username" : "GoodGuyGreg",
        "comment" : "What's mine is yours!",
        "post" : ObjectId("6106d068e034cb5c97f435a2")
}
{
        "_id" : ObjectId("6106d730879a6071ebec0f6b"),
        "username" : "GoodGuyGreg",
        "comment" : "Don't violate the licensing agreement!",
        "post" : ObjectId("6106d0a0e034cb5c97f435a3")
}
{
        "_id" : ObjectId("6106d7c7879a6071ebec0f6c"),
        "username" : "ScumbagSteve",
        "comment" : "It still isn't clean",
        "post" : ObjectId("6106cf61e034cb5c97f4359e")
}
{
        "_id" : ObjectId("6106d824879a6071ebec0f6d"),
        "username" : "ScumbagSteve",
        "comment" : "Denied your PR cause I found a hack",
        "post" : ObjectId("6106cfffe034cb5c97f435a0")
}
MongoDB Enterprise atlas-14bpr7-shard-0:PRIMARY> db.comments.find({username:"GoodGuyGreg"}).pretty();
{
        "_id" : ObjectId("6106d4f9879a6071ebec0f69"),
        "username" : "GoodGuyGreg",
        "comment" : "Hope you got a good deal!",
        "post" : ObjectId("6106d03ce034cb5c97f435a1")
}
{
        "_id" : ObjectId("6106d5b2879a6071ebec0f6a"),
        "username" : "GoodGuyGreg",
        "comment" : "What's mine is yours!",
        "post" : ObjectId("6106d068e034cb5c97f435a2")
}
```