

MongoDB Assignment 1

Insert the following documents into a **movies** collection.

```
Atlas atlas-ryzdvs-shard-0 [primary] movies> db.movie.insert({
... title:"Fight Club",
... writer:"Chuck Palahnuik",
... year: 1999,
... actor:["Brad Pitt","Edward Norton"]
... })
```

DeprecationWarning: Collection.insert() is deprecated. Use insertOne, insertMany, or bulkWrite.

```
{
  acknowledged: true,
  insertedIds: { '0': ObjectId("620238ebf2452462b0b80346") }
}
```

```
Atlas atlas-ryzdvs-shard-0 [primary] movies> db.movie.insert({ title: "Pulp Fiction", writer: "Quentin
Tarantino", year: 1994, actor: ["John Travolta", "Uma Thurman"] })
```

```
{
  acknowledged: true,
  insertedIds: { '0': ObjectId("620239dff2452462b0b80347") }
}
```

```
Atlas atlas-ryzdvs-shard-0 [primary] movies> db.movie.insert({ title: "Inglorious Basterds", writer:
"Quentin Tarantino", year: 2009, actor: ["Brad Pitt", "Diane Kruger", "Eli Roth"] })
```

```
{
  acknowledged: true,
  insertedIds: { '0': ObjectId("62023a36f2452462b0b80348") }
}
```

```
Atlas atlas-ryzdvs-shard-0 [primary] movies> db.movie.insert({ title: "The Hobbit: An Unexpected
Journey", writer: "J.R.R. Tolkein", year: 2012, franchise : "The Hobbit"})
```

```
{
  acknowledged: true,
  insertedIds: { '0': ObjectId("62023ac0f2452462b0b80349") }
}
```

```
Atlas atlas-ryzdvs-shard-0 [primary] movies> db.movie.insert({ title: "The Hobbit: The Desolation of Smaug", writer: "J.R.R. Tolkein", year: 2013, franchise : "The Hobbit"})
```

```
{
  acknowledged: true,
  insertedIds: { '0': ObjectId("62023aedef2452462b0b8034a") }
}
```

```
Atlas atlas-ryzdvs-shard-0 [primary] movies> db.movie.insert({ title: "The Hobbit: The Battle of the Five Armies", writer:Atlas atlas-ryzdvs-shard-0 [primary] movies> db.movie.insert({ 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 enagage in a war against an array of combatants and keep the Lonely Mountain from falling into the hands of rising darkness."})
```

```
{
  acknowledged: true, 1.1.9
  insertedIds: { '0': ObjectId("62023bc5f2452462b0b8034b") }
}
```

```
for mongosh info see: https://docs.mongodb.com/mongodb-shell/
```

```
Atlas atlas-ryzdvs-shard-0 [primary] movies> db.movies.insert({title:"Pee Wee Herman's Big Adventures"})
```

```
{
  acknowledged: true,
  insertedIds: { '0': ObjectId("62023c41f2452462b0b8034c") }
}
```

```
Atlas atlas-ryzdvs-shard-0 [primary] movies> db.movies.insert({title:"Avatar"})
```

```
{
  acknowledged: true,
  insertedIds: { '0': ObjectId("62023c49f2452462b0b8034d") }
}
```

Query/Find:

Atlas atlas-ryzdvs-shard-0 [primary] movies> db.movies.find()

```
[
  {
    _id: ObjectId("620238ebf2452462b0b80346"),
    title: 'Fight Club',
    writer: 'Chuck Palahnuik',
    year: 1999,
    actor: [ 'Brad Pitt', 'Edward Norton' ]
  },
  {
    _id: ObjectId("620239dff2452462b0b80347"),
    title: 'Pulp Fiction',
    writer: 'Quentin Tarantino',
    year: 1994,
    actor: [ 'John Travolta', 'Uma Thurman' ]
  },
  {
    _id: ObjectId("62023a36f2452462b0b80348"),
    title: 'Inglorious Basterds',
    writer: 'Quentin Tarantino',
    year: 2009,
    actor: [ 'Brad Pitt', 'Diane Kruger', 'Eli Roth' ]
  },
  {
    _id: ObjectId("62023ac0f2452462b0b80349"),
    title: 'The Hobbit: An Unexpected Journey',
    writer: 'J.R.R. Tolkein',
    year: 2012,
```

```

    franchise: 'The Hobbit'
  },
  {
    _id: ObjectId("62023aedf2452462b0b8034a"),
    title: 'The Hobbit: The Desolation of Smaug',
    writer: 'J.R.R. Tolkein',
    year: 2013,
    franchise: 'The Hobbit'
  },
  {
    _id: ObjectId("62023bc5f2452462b0b8034b"),
    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 enagage in a war against an array of
combatants and keep the Lonely Mountain from falling into the hands of rising darkness.'
  },
  {
    _id: ObjectId("62023da2f2452462b0b8034e"),
    title: "Pee Wee Herman's Big Adventures"
  },
  { _id: ObjectId("62023da8f2452462b0b8034f"), title: 'Avatar' }
]

```

Atlas atlas-ryzdvs-shard-0 [primary] movies> db.movies.find({writer:"Quentin Tarantino"})

```

[
  {
    _id: ObjectId("620239dff2452462b0b80347"),
    title: 'Pulp Fiction',
    writer: 'Quentin Tarantino',

```

```

    year: 1994,
    actor: [ 'John Travolta', 'Uma Thurman' ]
  },
  {
    _id: ObjectId("62023a36f2452462b0b80348"),
    title: 'Inglorious Basterds',
    writer: 'Quentin Tarantino',
    year: 2009,
    actor: [ 'Brad Pitt', 'Diane Kruger', 'Eli Roth' ]
  }
]
Atlas atlas-ryzdvs-shard-0 [primary] movies> db.movies.find({actors:"Brad Pitt"})

```

```

Atlas atlas-ryzdvs-shard-0 [primary] movies> db.movies.find({actor:"Brad Pitt"})
[
  {
    _id: ObjectId("620238ebf2452462b0b80346"),
    title: 'Fight Club',
    writer: 'Chuck Palahnuik',
    year: 1999,
    actor: [ 'Brad Pitt', 'Edward Norton' ]
  },
  {
    _id: ObjectId("62023a36f2452462b0b80348"),
    title: 'Inglorious Basterds',
    writer: 'Quentin Tarantino',
    year: 2009,
    actor: [ 'Brad Pitt', 'Diane Kruger', 'Eli Roth' ]
  }
]

```

```
]
```

```
Atlas atlas-ryzdvs-shard-0 [primary] movies> db.movies.find({franchise:"The Hobbit"})
```

```
[
```

```
{
```

```
  _id: ObjectId("62023ac0f2452462b0b80349"),
```

```
  title: 'The Hobbit: An Unexpected Journey',
```

```
  writer: 'J.R.R. Tolkein',
```

```
  year: 2012,
```

```
  franchise: 'The Hobbit'
```

```
},
```

```
{
```

```
  _id: ObjectId("62023aedef2452462b0b8034a"),
```

```
  title: 'The Hobbit: The Desolation of Smaug',
```

```
  writer: 'J.R.R. Tolkein',
```

```
  year: 2013,
```

```
  franchise: 'The Hobbit'
```

```
},
```

```
{
```

```
  _id: ObjectId("62023bc5f2452462b0b8034b"),
```

```
  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 enagage in a war against an array of  
combatants and keep the Lonely Mountain from falling into the hands of rising darkness.'
```

```
  }
```

```
]
```

```
Atlas atlas-ryzdvs-shard-0 [primary] movies> db.movies.find({year:{$gt:"1990", $lt:"2000"}})
```

```
Atlas atlas-ryzdvs-shard-0 [primary] movies> db.movies.find({year:{$gt:1990, $lt:2000}})
```

```
[
  {
    _id: ObjectId("620238ebf2452462b0b80346"),
    title: 'Fight Club',
    writer: 'Chuck Palahnuik',
    year: 1999,
    actor: [ 'Brad Pitt', 'Edward Norton' ]
  },
  {
    _id: ObjectId("620239dff2452462b0b80347"),
    title: 'Pulp Fiction',
    writer: 'Quentin Tarantino',
    year: 1994,
    actor: [ 'John Travolta', 'Uma Thurman' ]
  }
]
```

Atlas atlas-ryzdvs-shard-0 [primary] movies> db.movies.find({\$or:[{year:{\$gt:2010}},{year:{\$lt:2000}}]})

```
[
  {
    _id: ObjectId("620238ebf2452462b0b80346"),
    title: 'Fight Club',
    writer: 'Chuck Palahnuik',
    year: 1999,
    actor: [ 'Brad Pitt', 'Edward Norton' ]
  },
  {
    _id: ObjectId("620239dff2452462b0b80347"),
    title: 'Pulp Fiction',
    writer: 'Quentin Tarantino',
```

```
    year: 1994,
    actor: [ 'John Travolta', 'Uma Thurman' ]
  },
  {
    _id: ObjectId("62023ac0f2452462b0b80349"),
    title: 'The Hobbit: An Unexpected Journey',
    writer: 'J.R.R. Tolkein',
    year: 2012,
    franchise: 'The Hobbit'
  },
  {
    _id: ObjectId("62023aedef2452462b0b8034a"),
    title: 'The Hobbit: The Desolation of Smaug',
    writer: 'J.R.R. Tolkein',
    year: 2013,
    franchise: 'The Hobbit'
  },
  {
    _id: ObjectId("62023bc5f2452462b0b8034b"),
    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 enagage in a war against an array of
combatants and keep the Lonely Mountain from falling into the hands of rising darkness.'
  }
]
```


Update documents:

Atlas atlas-ryzdvs-shard-0 [primary] movies>

```
db.movies.update({_id:ObjectId("62023ac0f2452462b0b80349")}, {$set:{synopsis:"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."}})
```

DeprecationWarning: Collection.update() is deprecated. Use updateOne, updateMany, or bulkWrite.

```
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
```

Atlas atlas-ryzdvs-shard-0 [primary] movies> db.movies.update({

```
... _id: ObjectId("62023aedef2452462b0b8034a"),
```

```
... {$set:{synopsis:"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."}})
```

```
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
```

Atlas atlas-ryzdvs-shard-0 [primary] movies> db.movies.update({

```
... _id: ObjectId("620239dff2452462b0b80347")}, {$push:{actor:"Samuel L.Jackson"}})
```

```
{
  acknowledged: true,
  insertedId: null,
```

```
matchedCount: 1,  
modifiedCount: 1,  
upsertedCount: 0  
}
```

Text Search:

```
Atlas atlas-ryzdvs-shard-0 [primary] movies> db.movies.find({synopsis:{$regex:"Bilbo"}})
```

```
[  
  {  
    _id: ObjectId("62023ac0f2452462b0b80349"),  
    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 dwarves to reclaim their mountain home - and the gold within it - from the  
dragon Smaug.'  
  },  
  {  
    _id: ObjectId("62023aedef2452462b0b8034a"),  
    title: 'The Hobbit: The Desolation of Smaug',  
    writer: 'J.R.R. Tolkein',  
    year: 2013,  
    franchise: 'The Hobbit',  
    synopsis: '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.'  
  },  
  {  
    _id: ObjectId("62023bc5f2452462b0b8034b"),  
    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 enagage in a war against an array of combatants and keep the Lonely Mountain from falling into the hands of rising darkness.'

}

]

Atlas atlas-ryzdvs-shard-0 [primary] movies> db.movies.find({synopsis:{\$regex:"Gandalf"}})

[

{

_id: ObjectId("62023aedf2452462b0b8034a"),

title: 'The Hobbit: The Desolation of Smaug',

writer: 'J.R.R. Tolkein',

year: 2013,

franchise: 'The Hobbit',

synopsis: '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.'

}

]

Atlas atlas-ryzdvs-shard-0 [primary] movies>

db.movies.find({\$and:[{synopsis:{\$regex:"Bilbo"}}, {synopsis:{\$not:/Gandalf/}}])

[

{

_id: ObjectId("62023ac0f2452462b0b80349"),

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 dwarves to reclaim their mountain home - and the gold within it - from the dragon Smaug.'

},

{

_id: ObjectId("62023bc5f2452462b0b8034b"),

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 enagage in a war against an array of combatants and keep the Lonely Mountain from falling into the hands of rising darkness.'

}

]

Atlas atlas-ryzdvs-shard-0 [primary] movies>

db.movies.find({\$or:[{synopsis:{\$regex:"dwarves"}}, {synopsis:{\$regex:"hobbit"}}])

[

{

_id: ObjectId("62023ac0f2452462b0b80349"),

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 dwarves to reclaim their mountain home - and the gold within it - from the dragon Smaug.'

},

{

_id: ObjectId("62023aedef2452462b0b8034a"),

title: 'The Hobbit: The Desolation of Smaug',

writer: 'J.R.R. Tolkein',

year: 2013,

franchise: 'The Hobbit',

synopsis: '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.'

}

]

Atlas atlas-ryzdvs-shard-0 [primary] movies>

db.movies.find({\$and:[{synopsis:{\$regex:"gold"}}, {synopsis:{\$regex:"dragon"}}])

[

{

_id: ObjectId("62023ac0f2452462b0b80349"),

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 dwarves to reclaim their mountain home - and the gold within it - from the dragon Smaug.'

}

]

Delete Document:

Atlas atlas-ryzdvs-shard-0 [primary] movies> db.movies.remove({_id: ObjectId("62023da2f2452462b0b8034e")})

DeprecationWarning: Collection.remove() is deprecated. Use deleteOne, deleteMany, findOneAndDelete, or bulkWrite.

{ acknowledged: true, deletedCount: 1 }

Atlas atlas-ryzdvs-shard-0 [primary] movies> db.movies.remove({_id: ObjectId("62023da8f2452462b0b8034f")})

{ acknowledged: true, deletedCount: 1 }

User:

Atlas atlas-ryzdvs-shard-0 [primary] myFirstDatabase> use users

switched to db users

Atlas atlas-ryzdvs-shard-0 [primary] users> db.users.insert({

... username:"GoofGuyGreg",

... first_name:"Good Guy",

... last_name:"Greg"}})

DeprecationWarning: Collection.insert() is deprecated. Use insertOne, insertMany, or bulkWrite.

{

acknowledged: true,

insertedIds: { '0': ObjectId("6203b19560901709301f9fb9") }

Atlas atlas-ryzdvs-shard-0 [primary] users> db.users.insert({ username: "GoofGuyGreg",
first_name: "GoodAtlas atlas-ryzdvs-shard-0 [primary] users> db.users.insert({ username:
"ScumbagSteve", fullname:{first:"Scumbag", last:"Steve"}})

{

acknowledged: true,

insertedIds: { '0': ObjectId("6203b24e60901709301f9fba") }

}

Posts:

Atlas atlas-ryzdvs-shard-0 [primary] users> use posts

switched to db posts

Atlas atlas-ryzdvs-shard-0 [primary] posts> db.posts.insert({username:"GoodGuyGreg", title:"Passes out at Party", body:"Wakes up early and cleans the house"})

```
{
  acknowledged: true,
  insertedIds: { '0': ObjectId("6203b2c160901709301f9fbb") }
}
```

Atlas atlas-ryzdvs-shard-0 [primary] posts> db.posts.insert({username:"GoodGuyGreg", title:"Steals your identity", body:"Raises your credit score"})

```
{
  acknowledged: true,
  insertedIds: { '0': ObjectId("6203b32360901709301f9fbc") }
}
```

Atlas atlas-ryzdvs-shard-0 [primary] posts> db.posts.insert({username:"GoodGuyGreg", title:"Reports a bug in your code", body:"Sends you a Pull Request"})

```
{
  acknowledged: true,
  insertedIds: { '0': ObjectId("6203b36660901709301f9fbd") }
}
```

Atlas atlas-ryzdvs-shard-0 [primary] posts> db.posts.insert({username:"ScumbagSteve", title:"Borrows something", body:"Sells it"})

```
{
  acknowledged: true,
  insertedIds: { '0': ObjectId("6203b39a60901709301f9fbe") }
}
```

Atlas atlas-ryzdvs-shard-0 [primary] posts> db.posts.insert({username:"ScumbagSteve", title:"Borrows everything", body:"The end"})

```
{
  acknowledged: true,
```

```
insertedIds: { '0': ObjectId("6203b3b060901709301f9fbf") }  
}  
Atlas atlas-ryzdvs-shard-0 [primary] posts> db.posts.insert({username:"ScumbagSteve",  
title:"Forks your repo on github", body:"Sets to private"})  
{  
  acknowledged: true,  
  insertedIds: { '0': ObjectId("6203b3d060901709301f9fc0") }  
}
```


Comments:

Atlas atlas-ryzdvs-shard-0 [primary] posts> use comments

switched to db comments

Atlas atlas-ryzdvs-shard-0 [primary] comments>

```
db.comments.insert({username:"GoodGutGreg", comment:"Hope you got a good deal!",  
post: ObjectId("6203b39a60901709301f9fbe")})
```

```
{  
  
  acknowledged: true,  
  
  insertedIds: { '0': ObjectId("6203b51260901709301f9fc1") }  
}
```

Atlas atlas-ryzdvs-shard-0 [primary] comments>

```
db.comments.insert({username:"GoodGutGreg", comment:"Don't violate the licensing  
agreement!", post: ObjectId("6203b3b060901709301f9fbf")})
```

```
{  
  
  acknowledged: true,  
  
  insertedIds: { '0': ObjectId("6203b55760901709301f9fc2") }  
}
```

Atlas atlas-ryzdvs-shard-0 [primary] comments> db.comments.remove({_id:
ObjectId("6203b55760901709301f9fc2")})

DeprecationWarning: Collection.remove() is deprecated. Use deleteOne, deleteMany,
findOneAndDelete, or bulkWrite.

```
{ acknowledged: true, deletedCount: 1 }
```

Atlas atlas-ryzdvs-shard-0 [primary] comments>

```
db.comments.insert({username:"GoodGutGreg", comment:"What's mine is yours!",  
post:ObjectId("6203b3b060901709301f9fbf")})
```

```
{  
  
  acknowledged: true,  
  
  insertedIds: { '0': ObjectId("6203b65260901709301f9fc3") }  
}
```

Atlas atlas-ryzdvs-shard-0 [primary] comments>

```
db.comments.insert({username:"GoodGutGreg", comment:"Don't violate the licensing  
agreement!", post: ObjectId("6203b3d060901709301f9fc0")})
```

```
{  
  
  acknowledged: true,
```

```
insertedIds: { '0': ObjectId("6203b6a760901709301f9fc4") }  
}
```

Atlas atlas-ryzdvs-shard-0 [primary] comments>

```
db.comments.insert({username:"ScumbagSteve", comment:"It still isn't clean", post:  
ObjectId("6203b2c160901709301f9fbb")})
```

```
{  
  acknowledged: true,  
  insertedIds: { '0': ObjectId("6203b6ee60901709301f9fc5") }  
}
```

Atlas atlas-ryzdvs-shard-0 [primary] comments>

```
db.comments.insert({username:"ScumbagSteve", comment:"Denied your PR cause i found a  
hack", post: ObjectId("6203b36660901709301f9fbd") })
```

```
{  
  acknowledged: true,  
  insertedIds: { '0': ObjectId("6203b71c60901709301f9fc6") }  
}
```

Querying related collections:

```
Atlas atlas-ryzdvs-shard-0 [primary] comments> db.users.find()
```

```
Atlas atlas-ryzdvs-shard-0 [primary] comments> use users
```

switched to db users

```
Atlas atlas-ryzdvs-shard-0 [primary] users> db.users.find()
```

```
[
  {
    _id: ObjectId("6203b19560901709301f9fb9"),
    username: 'GoofGuyGreg',
    first_name: 'Good Guy',
    last_name: 'Greg'
  },
  {
    _id: ObjectId("6203b24e60901709301f9fba"),
    username: 'ScumbagSteve',
    fullname: { first: 'Scumbag', last: 'Steve' }
  }
]
```

```
Atlas atlas-ryzdvs-shard-0 [primary] users> db.users.find().pretty()
```

```
[
  {
    _id: ObjectId("6203b19560901709301f9fb9"),
    username: 'GoofGuyGreg',
    first_name: 'Good Guy',
    last_name: 'Greg'
  },
  {
    _id: ObjectId("6203b24e60901709301f9fba"),
```

```
username: 'ScumbagSteve',
fullname: { first: 'Scumbag', last: 'Steve' }
}
]
Atlas atlas-ryzdvs-shard-0 [primary] users> use posts
switched to db posts
Atlas atlas-ryzdvs-shard-0 [primary] posts> db.posts.find()
[
  {
    _id: ObjectId("6203b2c160901709301f9fbb"),
    username: 'GoodGuyGreg',
    title: 'Passes out at Party',
    body: 'Wakes up early and cleans the house'
  },
  {
    _id: ObjectId("6203b32360901709301f9fbc"),
    username: 'GoodGuyGreg',
    title: 'Steals your identity',
    body: 'Raises your credit score'
  },
  {
    _id: ObjectId("6203b36660901709301f9fbd"),
    username: 'GoodGuyGreg',
    title: 'Reports a bug in your code',
    body: 'Sends you a Pull Request'
  },
  {
    _id: ObjectId("6203b39a60901709301f9fbe"),
    username: 'ScumbagSteve',
```

```

    title: 'Borrows something',
    body: 'Sells it'
  },
  {
    _id: ObjectId("6203b3b060901709301f9fbf"),
    username: 'ScumbagSteve',
    title: 'Borrows everything',
    body: 'The end'
  },
  {
    _id: ObjectId("6203b3d060901709301f9fc0"),
    username: 'ScumbagSteve',
    title: 'Forks your repo on github',
    body: 'Sets to private'
  }
]
Atlas atlas-ryzdvs-shard-0 [primary] posts> db.posts.find({username:"GoodGuyGreg"})
[
  {
    _id: ObjectId("6203b2c160901709301f9fbb"),
    username: 'GoodGuyGreg',
    title: 'Passes out at Party',
    body: 'Wakes up early and cleans the house'
  },
  {
    _id: ObjectId("6203b32360901709301f9fbc"),
    username: 'GoodGuyGreg',
    title: 'Steals your identity',
    body: 'Raises your credit score'
  }
]

```

```
},
{
  _id: ObjectId("6203b36660901709301f9fbd"),
  username: 'GoodGuyGreg',
  title: 'Reports a bug in your code',
  body: 'Sends you a Pull Request'
}
]
Atlas atlas-ryzdvs-shard-0 [primary] posts> db.posts.find({username:"ScumbagSteve"})
[
  {
    _id: ObjectId("6203b39a60901709301f9fbe"),
    username: 'ScumbagSteve',
    title: 'Borrows something',
    body: 'Sells it'
  },
  {
    _id: ObjectId("6203b3b060901709301f9fbf"),
    username: 'ScumbagSteve',
    title: 'Borrows everything',
    body: 'The end'
  },
  {
    _id: ObjectId("6203b3d060901709301f9fc0"),
    username: 'ScumbagSteve',
    title: 'Forks your repo on github',
    body: 'Sets to private'
  }
]
```

Atlas atlas-ryzdvs-shard-0 [primary] posts> use comments

switched to db comments

Atlas atlas-ryzdvs-shard-0 [primary] comments> db.comments.find()

```
[
  {
    _id: ObjectId("6203b51260901709301f9fc1"),
    username: 'GoodGutGreg',
    comment: 'Hope you got a good deal!',
    post: ObjectId("6203b39a60901709301f9fbe")
  },
  {
    _id: ObjectId("6203b65260901709301f9fc3"),
    username: 'GoodGutGreg',
    comment: "What's mine is yours!",
    post: ObjectId("6203b3b060901709301f9fbf")
  },
  {
    _id: ObjectId("6203b6a760901709301f9fc4"),
    username: 'GoodGutGreg',
    comment: "Don't violate the licensing agreement!",
    post: ObjectId("6203b3d060901709301f9fc0")
  },
  {
    _id: ObjectId("6203b6ee60901709301f9fc5"),
    username: 'ScumbagSteve',
    comment: "It still isn't clean",
    post: ObjectId("6203b2c160901709301f9fbb")
  },
  {
```

```
_id: ObjectId("6203b71c60901709301f9fc6"),
username: 'ScumbagSteve',
comment: 'Denied your PR cause i found a hack',
post: ObjectId("6203b36660901709301f9fbd")
}
]
```

```
Atlas atlas-ryzdvs-shard-0 [primary] comments>
db.comments.find({username:"GoodGuyGreg"})
```

```
Atlas atlas-ryzdvs-shard-0 [primary] comments>
db.comments.find({username:"GoodGutGreg"})
```

```
[
{
  _id: ObjectId("6203b51260901709301f9fc1"),
  username: 'GoodGutGreg',
  comment: 'Hope you got a good deal!',
  post: ObjectId("6203b39a60901709301f9fbe")
},
{
  _id: ObjectId("6203b65260901709301f9fc3"),
  username: 'GoodGutGreg',
  comment: "What's mine is yours!",
  post: ObjectId("6203b3b060901709301f9fbf")
},
{
  _id: ObjectId("6203b6a760901709301f9fc4"),
  username: 'GoodGutGreg',
  comment: "Don't violate the licensing agreement!",
  post: ObjectId("6203b3d060901709301f9fc0")
}
```



```
]
```

```
Atlas atlas-ryzdvs-shard-0 [primary] comments> db.comments.find({username:"ScumbagSteve"})
```

```
[
  {
    _id: ObjectId("6203b6ee60901709301f9fc5"),
    username: 'ScumbagSteve',
    comment: "It still isn't clean",
    post: ObjectId("6203b2c160901709301f9fbb")
  },
  {
    _id: ObjectId("6203b71c60901709301f9fc6"),
    username: 'ScumbagSteve',
    comment: 'Denied your PR cause i found a hack',
    post: ObjectId("6203b36660901709301f9fbd")
  }
]
```

```
Atlas atlas-ryzdvs-shard-0 [primary] comments> db.comments.find({post:"Reports a bug in your code"})
```

```
Atlas atlas-ryzdvs-shard-0 [primary] comments> db.comments.find({post:
ObjectId("6203b36660901709301f9fbd")})
```

```
[
  {
    _id: ObjectId("6203b71c60901709301f9fc6"),
    username: 'ScumbagSteve',
    comment: 'Denied your PR cause i found a hack',
    post: ObjectId("6203b36660901709301f9fbd")
  }
]
```