

# MongoDB Assignment 1 Solution

## Part 1 Insert Documents

```
use mongo_practice
```

```
switched to db mongo_practice
```

```
> db.movies.insert({title:"Fight Club", writer: "Chuck Palahniuk", year: "1999", actors:["Brad Pitt", "Edward Norton"]})
```

```
WriteResult({ "nInserted" : 1 })
```

```
> show dbs
```

```
admin      0.000GB
```

```
config     0.000GB
```

```
local      0.000GB
```

```
mongo_practice 0.000GB
```

```
test       0.000GB
```

```
> db.movies.insert({title:"Pulp Fiction", writer:"Quentin Tarantino", year:"2009", actors:["John Travolta", "Uma Thurman"]})
```

```
WriteResult({ "nInserted" : 1 })
```

```
> db.movies.insert({title:"Inglorious Basterds", writer:"Quentin Tarantino", year:"2009", actors:["Brad Pitt", "Diane Kruger", "Eli Roth"]})
```

```
WriteResult({ "nInserted" : 1 })
```

```
> db.movies.insert({title:"The Hobbit: An unexpected Journey", writer:"J.R.R. Tolkein", year:"2012", franchise:"The Hobbit"})
```

```
WriteResult({ "nInserted" : 1 })
```

```
> db.movies.insert({title:"The Hobbit: The Desolation of Smaug", writer:"J.R.R. Tolkien", year:"2013", franchise:"The Hobbit"})
```

```
WriteResult({ "nInserted" : 1 })
```

```
> db.movies.insert({title:"The Hobbit: The Battle of the Five Armies", writer:"J.R.R. Tolkien", 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." } )

```
> db.movies.insert({title:"Pee Wee Herman's Big Adventures"})
```

```
> db.movies.insert({title:"Avatar"})
```

## Part 2 Query / Find Documents

```
1 ) > db.movies.find()
```

```
{ "_id" : ObjectId("61061b4cf80f2e9bb4088e49"), "title" : "Fight Club", "writer" : "Chuck Palahniuk", "year" : "1999", "actors" : [ "Brad Pitt", "Edward Norton" ] }
```

```
{ "_id" : ObjectId("61061ba2f80f2e9bb4088e4a"), "title" : "Pulp Fiction", "writer" : "Quentin Tarantino", "year" : "2009", "actors" : [ "John Travolta", "Uma Thurman" ] }
```

```
{ "_id" : ObjectId("61061bb6f80f2e9bb4088e4b"), "title" : "Inglorious Basterds", "writer" : "Quentin Tarantino", "year" : "2009", "actors" : [ "Brad Pitt", "Diane Kruger", "Eli Roth" ] }
```

```
{ "_id" : ObjectId("61061bc4f80f2e9bb4088e4c"), "title" : "The Hobbit: An unexpected Journey", "writer" : "J.R.R. Tolkein", "year" : "2012", "franchise" : "The Hobbit" }
```

```
{ "_id" : ObjectId("61061c47f80f2e9bb4088e4d"), "title" : "The Hobbit: The Desolation of Smaug", "writer" : "J.R.R Tolkien", "year" : "2013", "franchise" : "The Hobbit" }
```

```
{ "_id" : ObjectId("61061c67f80f2e9bb4088e4e"), "title" : "The Hobbit: The Battle of the Five Armies", "writer" : "J.R.R Tolkien", "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." }
```

```
{ "_id" : ObjectId("61061c9ef80f2e9bb4088e4f"), "title" : "Pee Wee Herman's Big Adventures" }
```

```
{ "_id" : ObjectId("61061cd5f80f2e9bb4088e51"), "title" : "Avatar" }
```

```
2) > db.movies.find({writer:"Quentin Tarantino"})
```

```
{ "_id" : ObjectId("61061ba2f80f2e9bb4088e4a"), "title" : "Pulp Fiction", "writer" : "Quentin Tarantino", "year" : "2009", "actors" : [ "John Travolta", "Uma Thurman" ] }
```

```
{ "_id" : ObjectId("61061bb6f80f2e9bb4088e4b"), "title" : "Inglorious Basterds", "writer" : "Quentin Tarantino", "year" : "2009", "actors" : [ "Brad Pitt", "Diane Kruger", "Eli Roth" ] }
```

```
3) > db.movies.find({actors:"Brad Pitt"})
```

```
{ "_id" : ObjectId("61061b4cf80f2e9bb4088e49"), "title" : "Fight Club", "writer" : "Chuck Palahniuk", "year" : "1999", "actors" : [ "Brad Pitt", "Edward Norton" ] }
```

```
{ "_id" : ObjectId("61061bb6f80f2e9bb4088e4b"), "title" : "Inglorious Basterds", "writer" : "Quentin Tarantino", "year" : "2009", "actors" : [ "Brad Pitt", "Diane Kruger", "Eli Roth" ] }
```

```
4) > db.movies.find({ franchise: "The Hobbit" })
```

```
{ "_id" : ObjectId("61061bc4f80f2e9bb4088e4c"), "title" : "The Hobbit: An unexpected Journey", "writer" : "J.R.R. Tolkein", "year" : "2012", "franchise" : "The Hobbit" }
```

```
{ "_id" : ObjectId("61061c47f80f2e9bb4088e4d"), "title" : "The Hobbit: The Desolation of Smaug", "writer" : "J.R.R Tolkien", "year" : "2013", "franchise" : "The Hobbit" }
```

```
{ "_id" : ObjectId("61061c67f80f2e9bb4088e4e"), "title" : "The Hobbit: The Battle of the Five Armies", "writer" : "J.R.R Tolkien", "year" : "2014", "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." }
```

```
5) > db.movies.find({ year: { $gt: "1990", $lt: "2000" } })
```

```
{ "_id" : ObjectId("61061b4cf80f2e9bb4088e49"), "title" : "Fight Club", "writer" : "Chuck Palahniuk", "year" : "1999", "actors" : [ "Brad Pitt", "Edward Norton" ] }
```

```
6) > db.movies.find({ $or: [{ year: { $gt: "2010" } }, { year: { $lt: "2000" } } ] })
```

```
{ "_id" : ObjectId("61061b4cf80f2e9bb4088e49"), "title" : "Fight Club", "writer" : "Chuck Palahniuk", "year" : "1999", "actors" : [ "Brad Pitt", "Edward Norton" ] }
```

```
{ "_id" : ObjectId("61061bc4f80f2e9bb4088e4c"), "title" : "The Hobbit: An unexpected Journey", "writer" : "J.R.R. Tolkein", "year" : "2012", "franchise" : "The Hobbit" }
```

```
{ "_id" : ObjectId("61061c47f80f2e9bb4088e4d"), "title" : "The Hobbit: The Desolation of Smaug", "writer" : "J.R.R Tolkien", "year" : "2013", "franchise" : "The Hobbit" }
```

### Part 3 Update Documents

```
1) > db.movies.update({ "_id" : ObjectId("61061bc4f80f2e9bb4088e4c") }, { $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." } })
```

```
2) > db.movies.update({ "_id" : ObjectId("61061c47f80f2e9bb4088e4d") }, { $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." } })
```

```
> db.movies.find()
```

```
{ "_id" : ObjectId("61061b4cf80f2e9bb4088e49"), "title" : "Fight Club", "writer" : "Chuck Palahniuk", "year" : "1999", "actors" : [ "Brad Pitt", "Edward Norton" ] }
```

```
{ "_id" : ObjectId("61061ba2f80f2e9bb4088e4a"), "title" : "Pulp Fiction", "writer" : "Quentin Tarantino", "year" : "2009", "actors" : [ "John Travolta", "Uma Thurman" ] }
```

```
{ "_id" : ObjectId("61061bb6f80f2e9bb4088e4b"), "title" : "Inglorious Basterds", "writer" : "Quentin Tarantino", "year" : "2009", "actors" : [ "Brad Pitt", "Diane Kruger", "Eli Roth" ] }
```

```
{ "_id" : ObjectId("61061bc4f80f2e9bb4088e4c"), "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("61061c47f80f2e9bb4088e4d"), "title" : "The Hobbit: The Desolation of Smaug", "writer" : "J.R.R. Tolkien", "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("61061c67f80f2e9bb4088e4e"), "title" : "The Hobbit: The Battle of the Five Armies", "writer" : "J.R.R. Tolkien", "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." }
```

```
{ "_id" : ObjectId("61061c9ef80f2e9bb4088e4f"), "title" : "Pee Wee Herman's Big Adventures" }
```

```
{ "_id" : ObjectId("61061cd5f80f2e9bb4088e51"), "title" : "Avatar" }
```

```
3) > db.movies.update({ "_id" : ObjectId("61061ba2f80f2e9bb4088e4a") }, { $push: { actors: "Samuel L. Jackson" } })
```

## Part 4 Text Search

```
1) > db.movies.find({ synopsis: { $regex: "Bilbo" } })
```

```
{ "_id" : ObjectId("61061bc4f80f2e9bb4088e4c"), "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("61061c47f80f2e9bb4088e4d"), "title" : "The Hobbit: The Desolation of Smaug", "writer" : "J.R.R Tolkien", "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("61061c67f80f2e9bb4088e4e"), "title" : "The Hobbit: The Battle of the Five Armies", "writer" : "J.R.R Tolkien", "year" : "2002", "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." }
```

```
2) > db.movies.find({synopsis:{regex:"Gandalf"}})
```

```
{ "_id" : ObjectId("61061c47f80f2e9bb4088e4d"), "title" : "The Hobbit: The Desolation of Smaug", "writer" : "J.R.R Tolkien", "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." }
```

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

```
{ "_id" : ObjectId("61061bc4f80f2e9bb4088e4c"), "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("61061c47f80f2e9bb4088e4d"), "title" : "The Hobbit: The Desolation of Smaug", "writer" : "J.R.R Tolkien", "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." }
```

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

```
{ "_id" : ObjectId("61061bc4f80f2e9bb4088e4c"), "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("61061c67f80f2e9bb4088e4e"), "title" : "The Hobbit: The Battle of the Five Armies", "writer" : "J.R.R Tolkien", "year" : "2002", "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." }
```

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

```
{ "_id" : ObjectId("61061bc4f80f2e9bb4088e4c"), "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." }
```

## Part 6 Delete Documents

```
1) > db.movies.remove({ "_id" : ObjectId("61061c9ef80f2e9bb4088e4f")})
```

```
WriteResult({ "nRemoved" : 1 })
```

```
2) > db.movies.remove({ "_id" : ObjectId("61061cd5f80f2e9bb4088e51")})
```

```
WriteResult({ "nRemoved" : 1 })
```

```
> db.movies.find()
```

```
{ "_id" : ObjectId("61061b4cf80f2e9bb4088e49"), "title" : "Fight Club", "writer" : "Chuck Palahniuk", "year" : "1999", "actors" : [ "Brad Pitt", "Edward Norton" ] }
```

```
{ "_id" : ObjectId("61061ba2f80f2e9bb4088e4a"), "title" : "Pulp Fiction", "writer" : "Quentin Tarantino", "year" : "2009", "actors" : [ "John Travolta", "Uma Thurman", "Samuel L. Jackson" ] }
```

```
{ "_id" : ObjectId("61061bb6f80f2e9bb4088e4b"), "title" : "Inglorious Basterds", "writer" : "Quentin Tarantino", "year" : "2009", "actors" : [ "Brad Pitt", "Diane Kruger", "Eli Roth" ] }
```

```
{ "_id" : ObjectId("61061bc4f80f2e9bb4088e4c"), "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("61061c47f80f2e9bb4088e4d"), "title" : "The Hobbit: The Desolation of Smaug", "writer" : "J.R.R. Tolkien", "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("61061c67f80f2e9bb4088e4e"), "title" : "The Hobbit: The Battle of the Five Armies", "writer" : "J.R.R. Tolkien", "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." }
```

## Part 7 Relationship

```
> db.users.insert({username:"GoodGuyGreg", first_name:"Good Guy", last_name:"Greg"})
```

```
> db.users.insert({username:"ScumbagSteve", fullname:{first: "Scumbag", last:"Steve"}})
```

```
WriteResult({ "nInserted" : 1 })
```

```
> db.posts.insert({username:"GoodGuyGreg", title:"Passes out at Party", body:"Raises your credit score"})
```

```
> db.posts.insert({ username:"GoodGuyGreg", title:"Steals your identity", body:"Raises your credit score"})
```

```
> db.posts.insert({username:"GoodGuyGreg", title:"Reports a bug in your code", body:"Sends you a pull request"})
```

```
> db.posts.insert({ username:"ScumbagSteve", title:"Borrows something", body:"Sells it"})
```

```
> db.posts.insert({ username:"ScumbagSteve", title:"Borrows everything", body:"The end"})
```

```
> db.posts.insert({username:"ScumbagSteve", title:"Forks your repo on github", body:"Sets to private"})
```

```
> db.posts.find()
```

```
{ "_id" : ObjectId("610629ebf80f2e9bb4088e54"), "username" : "GoodGuyGreg", "title" : "Passes out at Party", "body" : "Raises your credit score" }
```

```
{ "_id" : ObjectId("61062a11f80f2e9bb4088e55"), "username" : "GoodGuyGreg", "title" : "Steals your identity", "body" : "Raises your credit score" }
```

```
{ "_id" : ObjectId("61062a3bf80f2e9bb4088e56"), "username" : "GoodGuyGreg", "title" : "Reports a bug in your code", "body" : "Sends you a pull request" }
```

```
{ "_id" : ObjectId("61062a57f80f2e9bb4088e57"), "username" : "ScumbagSteve", "title" : "Borrows something", "body" : "Sells it" }
```

```
{ "_id" : ObjectId("61062a68f80f2e9bb4088e58"), "username" : "ScumbagSteve", "title" : "Borrows everything", "body" : "The end" }
```

```
{ "_id" : ObjectId("61062a7ff80f2e9bb4088e59"), "username" : "ScumbagSteve", "title" : "Forks your repo on github", "body" : "Sets to private" }
```

```
> db.comments.insert({username:"GoodGuyGreg", comment:"Hope you got a good deal!",post:ObjectId("61062a57f80f2e9bb4088e57")})
```

```

> db.comments.insert({username:"GoodGuyGreg", comment:"What's mine is
yours!",post:ObjectId("61062a57f80f2e9bb4088e57")})
> db.comments.insert({username:"GoodGuyGreg", comment:"Don't violate the licensing
agreement!",post:ObjectId("61062a7ff80f2e9bb4088e59")})

> db.comments.insert({username:"ScumbagSteve", comment:"It still isn't clean",
post:ObjectId("5ca0b8546435f98b5901f466")})

> db.comments.insert({username:"ScumbagSteve", comment:"It still isn't clean",
post:ObjectId("610629ebf80f2e9bb4088e54")})

> db.comments.insert({username:"ScumbagSteve", comment:"Denied your PR cause I found a
hack", post:ObjectId("5ca0b9256435f98b5901f469")})

> db.comments.insert({username:"ScumbagSteve", comment:"Denied your PR cause I found a
hack", post:ObjectId("61062a3bf80f2e9bb4088e56")})

> db.comments.find()

{ "_id" : ObjectId("61062bdf80f2e9bb4088e5a"), "username" : "GoodGuyGreg", "comment" :
"Hope you got a good deal!", "post" : ObjectId("61062a57f80f2e9bb4088e57") }

{ "_id" : ObjectId("61062cfd80f2e9bb4088e5b"), "username" : "GoodGuyGreg", "comment" :
"What's mine is yours!", "post" : ObjectId("61062a57f80f2e9bb4088e57") }

{ "_id" : ObjectId("6106315ef80f2e9bb4088e5c"), "username" : "GoodGuyGreg", "comment" :
"Don't violate the licensing agreement!", "post" : ObjectId("61062a7ff80f2e9bb4088e59") }

{ "_id" : ObjectId("610631c6f80f2e9bb4088e5e"), "username" : "ScumbagSteve", "comment" :
"It still isn't clean", "post" : ObjectId("610629ebf80f2e9bb4088e54") }

{ "_id" : ObjectId("6106324df80f2e9bb4088e60"), "username" : "ScumbagSteve", "comment" :
"Denied your PR cause I found a hack", "post" : ObjectId("5ca0b9256435f98b5901f469") }

{ "_id" : ObjectId("610634469a73f8f1d56df764"), "username" : "ScumbagSteve", "comment" :
"Denied your PR cause I found a hack", "post" : ObjectId("61062a3bf80f2e9bb4088e56") }

```

## Part 8 Querying related collections

```

> db.users.find().pretty()

{
  "_id" : ObjectId("610629a8f80f2e9bb4088e52"),

```



```
    "username" : "GoodGuyGreg",
    "first_name" : "Good Guy",
    "last_name" : "Greg"
  }
{
  "_id" : ObjectId("610629d0f80f2e9bb4088e53"),
  "username" : "ScumbagSteve",
  "fullname" : {
    "first" : "Scumbag",
    "last" : "Steve"
  }
}
```

```
> db.posts.find().pretty()
```

```
{
  "_id" : ObjectId("610629ebf80f2e9bb4088e54"),
  "username" : "GoodGuyGreg",
  "title" : "Passes out at Party",
  "body" : "Raises your credit score"
}
{
  "_id" : ObjectId("61062a11f80f2e9bb4088e55"),
  "username" : "GoodGuyGreg",
  "title" : "Steals your identity",
  "body" : "Raises your credit score"
}
```

```
{
  "_id" : ObjectId("61062a3bf80f2e9bb4088e56"),
  "username" : "GoodGuyGreg",
  "title" : "Reports a bug in your code",
  "body" : "Sends you a pull request"
}
{
  "_id" : ObjectId("61062a57f80f2e9bb4088e57"),
  "username" : "ScumbagSteve",
  "title" : "Borrows something",
  "body" : "Sells it"
}
{
  "_id" : ObjectId("61062a68f80f2e9bb4088e58"),
  "username" : "ScumbagSteve",
  "title" : "Borrows everything",
  "body" : "The end"
}
{
  "_id" : ObjectId("61062a7ff80f2e9bb4088e59"),
  "username" : "ScumbagSteve",
  "title" : "Forks your repo on github",
  "body" : "Sets to private"
}
```

```
> db.posts.find({username:"GoodGuyGreg"})
```

```

{ "_id" : ObjectId("610629ebf80f2e9bb4088e54"), "username" : "GoodGuyGreg", "title" :
"Passes out at Party", "body" : "Raises your credit score" }

{ "_id" : ObjectId("61062a11f80f2e9bb4088e55"), "username" : "GoodGuyGreg", "title" :
"Steals your identity", "body" : "Raises your credit score" }

{ "_id" : ObjectId("61062a3bf80f2e9bb4088e56"), "username" : "GoodGuyGreg", "title" :
"Reports a bug in your code", "body" : "Sends you a pull request" }

> db.posts.find({username:"ScumbagSteve"})

{ "_id" : ObjectId("61062a57f80f2e9bb4088e57"), "username" : "ScumbagSteve", "title" :
"Borrows something", "body" : "Sells it" }

{ "_id" : ObjectId("61062a68f80f2e9bb4088e58"), "username" : "ScumbagSteve", "title" :
"Borrows everything", "body" : "The end" }

{ "_id" : ObjectId("61062a7ff80f2e9bb4088e59"), "username" : "ScumbagSteve", "title" : "Forks
your repo on github", "body" : "Sets to private" }

> db.comments.find().pretty()

{
  "_id" : ObjectId("61062bdff80f2e9bb4088e5a"),
  "username" : "GoodGuyGreg",
  "comment" : "Hope you got a good deal!",
  "post" : ObjectId("61062a57f80f2e9bb4088e57")
}

{
  "_id" : ObjectId("61062cfd80f2e9bb4088e5b"),
  "username" : "GoodGuyGreg",
  "comment" : "What's mine is yours!",
  "post" : ObjectId("61062a57f80f2e9bb4088e57")
}

{

```

```

    "_id" : ObjectId("6106315ef80f2e9bb4088e5c"),
    "username" : "GoodGuyGreg",
    "comment" : "Don't violate the licensing agreement!",
    "post" : ObjectId("61062a7ff80f2e9bb4088e59")
  }
{
  "_id" : ObjectId("610631c6f80f2e9bb4088e5e"),
  "username" : "ScumbagSteve",
  "comment" : "It still isn't clean",
  "post" : ObjectId("610629ebf80f2e9bb4088e54")
}
{
  "_id" : ObjectId("610634469a73f8f1d56df764"),
  "username" : "ScumbagSteve",
  "comment" : "Denied your PR cause I found a hack",
  "post" : ObjectId("61062a3bf80f2e9bb4088e56")
}
> db.comments.find({username:"GoodGuyGreg"})

{ "_id" : ObjectId("61062bdf80f2e9bb4088e5a"), "username" : "GoodGuyGreg", "comment" :
"Hope you got a good deal!", "post" : ObjectId("61062a57f80f2e9bb4088e57") }

{ "_id" : ObjectId("61062cfd80f2e9bb4088e5b"), "username" : "GoodGuyGreg", "comment" :
"What's mine is yours!", "post" : ObjectId("61062a57f80f2e9bb4088e57") }

{ "_id" : ObjectId("6106315ef80f2e9bb4088e5c"), "username" : "GoodGuyGreg", "comment" :
"Don't violate the licensing agreement!", "post" : ObjectId("61062a7ff80f2e9bb4088e59") }

> db.comments.find({username:"ScumbagSteve"})

{ "_id" : ObjectId("610631c6f80f2e9bb4088e5e"), "username" : "ScumbagSteve", "comment" :
"It still isn't clean", "post" : ObjectId("610629ebf80f2e9bb4088e54") }

```

```
{ "_id" : ObjectId("610634469a73f8f1d56df764"), "username" : "ScumbagSteve", "comment" :  
"Denied your PR cause I found a hack", "post" : ObjectId("61062a3bf80f2e9bb4088e56") }
```

```
> db.comments.find({ ObjectId("610634469a73f8f1d56df764") })
```

```
...
```

```
...
```

```
> db.comments.find({ username:"ScumbagSteve" })
```

```
{ "_id" : ObjectId("610631c6f80f2e9bb4088e5e"), "username" : "ScumbagSteve", "comment" :  
"It still isn't clean", "post" : ObjectId("610629ebf80f2e9bb4088e54") }
```

```
{ "_id" : ObjectId("610634469a73f8f1d56df764"), "username" : "ScumbagSteve", "comment" :  
"Denied your PR cause I found a hack", "post" : ObjectId("61062a3bf80f2e9bb4088e56") }
```

```
>
```