```
>Mongod
>Mongo
>Use mongo_practice
```

#INSERT DOCUMENTS

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

{title : "Pulp Fiction",
writer : "Quentin Tarantino",
year : 1994,
actors : ["John Travolta",
"Uma Thurman"]},

{title : "Inglorious Basterds",
writer : "Quentin Tarantino",
year : 2009,
actors : ["Brad Pitt","Diane Kruger","Eli Roth"]},

{title : "The Hobbit: An Unexpected Journey",
writer : "J.R.R. Tolkein",
year : 2012,
franchise : "The Hobbit"},

{title : "The Hobbit: The Desolation of Smaug",
writer : "J.R.R. Tolkein",
year : 2013,
franchise : "The Hobbit"},
```

{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 a rising darkness."},

{title : "Pee Wee Herman's Big Adventure"},

{title : "Avatar"}])


# #QUERY/FIND DOCUMENTS


>db.movies.find().pretty()

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

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

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

>db.movies.find({$and:[{"year":{$lt:2000}},{"year":{$gte:1990}}]}).pretty()

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

# #UPDATE DOCUMENTS

```
>db.movies.update({"title":"The Hobbit: An
Unexpected Journey"},{$set:{"synopsis":"A
reluctant hobbit,Bilbo Baggins, sets out to the
Lonely Mountain with a spirited group ofdwarves
to reclaim their mountain home - and the gold
within it - from thedragon Smaug."}})

>db.movies.update({"title":"The Hobbit: The
Desolation of Smaug"},{$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.update({"title":"Pulp
Fiction"},{$set:{actors:["Samuel L Jackson","John
Travolta",
"Uma Thurman"]}})
```

# #TEXT SEARCH

```
>db.movies.createIndex({synopsis:"text"})

>db.movies.find({$text:{$search:"Bilbo"}}).pretty()

>db.movies.find({$text:{$search:"Gandalf"}}).pretty()

>db.movies.find({$text:{$search:"dwarves
```

```
hobbit"}}).pretty()

>
```

# #DELETE DOCUMENTS

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

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

# #RELATIONSHIPS

```
>db.users.insert({username : "GoodGuyGreg",
first_name : "Good Guy",
last_name : "Greg",
username : "ScumbagSteve",
full_name :{first : "Scumbag", last : "Steve"}})

>db.posts.insert([{username : "GoodGuyGreg",
title : "Passes out at party",
body : "Wakes up early and cleans house"},

{username : "GoodGuyGreg",
title : "Steals your identity",
body : "Raises your credit score"},

{username : "GoodGuyGreg",
title : "Reports a bug in your code",
```

```
        body : "Sends you a Pull Request"},

        {username : "ScumbagSteve",
        title : "Borrows something",
        body : "Sells it"},

        {username : "ScumbagSteve",
        title : "Borrows everything",
        body : "The end"},

        {username : "ScumbagSteve",
        title : "Forks your repo on github",
        body : "Sets to private"}])


>var objId1 = db.posts.findOne({title: "Borrows
something"})._id
>db.comments.insertOne(
{username : "GoodGuyGreg",
comment : "Hope you got a good deal!",
post : objId1
})

>var objId2 = db.posts.findOne({title: "Borrows
everything"})._id
>db.comments.insertOne(
{username : "GoodGuyGreg",
comment : "What's mine is yours!",
post : objId2
})

>var objId3 = db.posts.findOne({title: "Forks your
```

```
repo on github"})._id
>db.comments.insertOne(
{username : "GoodGuyGreg",
comment : "Don't violate the licensing
agreement!",
post : objId3
})

>var objId4 = db.posts.findOne({title: "Passes out at
party"})._id
>db.comments.insertOne(
{username : "ScumbagSteve",
comment : "It still isn't clean",
post : objId4
})

>var objId5 = db.posts.findOne({title: "Reports a
bug in your code"})._id
>db.comments.insertOne(
{username : "ScumbagSteve",
comment : "Denied your PR cause I found a hack",
post : objId5
})
```

# #QUERYING RELATED COLLECTIONS

```
1:
> db.users.find({},{username: 1})

2:
>db.posts.find().pretty()
```

**3:**

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

**4:**

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

**5:**

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

**6:**

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

**7:**

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

**8:**

```
>var p = db.posts.findOne({title : "Reports a bug in your code"})._id
> db.comments.find({post: p},{username:1,comment:1}).pretty()
```