**MongoDB ASSIGNMENT – 1**

Name:Nishar Ahamed

1. **Insert Documents**

MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> use mongo\_practice

switched to db mongo\_practice

MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.movies.insertMany(

... [{

... 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. Tokein",

... 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 raising darkness."

... },

... {

... title: "Pee Wee Herman's Big Adventure"

... },

... {

... title: "Avatar"

... }])

{

"acknowledged" : true,

"insertedIds" : [

ObjectId("60df13612ff652f127555fb9"),

ObjectId("60df13612ff652f127555fba"),

ObjectId("60df13612ff652f127555fbb"),

ObjectId("60df13612ff652f127555fbc"),

ObjectId("60df13612ff652f127555fbd"),

ObjectId("60df13612ff652f127555fbe"),

ObjectId("60df13612ff652f127555fbf"),

ObjectId("60df13612ff652f127555fc0")

]

}

1. **Query / Find Documents**

**1.** MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.movies.find().pretty()

{

"\_id" : ObjectId("60df13612ff652f127555fb9"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("60df13612ff652f127555fba"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman"

]

}

{

"\_id" : ObjectId("60df13612ff652f127555fbb"),

"title" : "Inglorious Basterds",

"writer" : "Quentin Tarantino",

"year" : 2009,

"actors" : [

"Brad Pitt",

"Diane Kruger",

"Eli Roth"

]

}

{

"\_id" : ObjectId("60df13612ff652f127555fbc"),

"title" : "The Hobbit: An Unexpected Journey",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit"

}

{

"\_id" : ObjectId("60df13612ff652f127555fbd"),

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

"writer" : "J.R.R. Tolkein",

"year" : 2013,

"franchise" : "The Hobbit"

}

{

"\_id" : ObjectId("60df13612ff652f127555fbe"),

"title" : "The Hobbit: The Battle of the Five Armies",

"writer" : "J.R.R. Tokein",

"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 raising darkness."

}

{

"\_id" : ObjectId("60df13612ff652f127555fbf"),

"title" : "Pee Wee Herman's Big Adventure"

}

{ "\_id" : ObjectId("60df13612ff652f127555fc0"), "title" : "Avatar" }

**2.** MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.movies.find({writer: "Quentin Tarantino"}).pretty()

{

"\_id" : ObjectId("60df13612ff652f127555fba"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman"

]

}

{

"\_id" : ObjectId("60df13612ff652f127555fbb"),

"title" : "Inglorious Basterds",

"writer" : "Quentin Tarantino",

"year" : 2009,

"actors" : [

"Brad Pitt",

"Diane Kruger",

"Eli Roth"

]

}

**3.** MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.movies.find({actors: "Brad Pitt"}).pretty()

{

"\_id" : ObjectId("60df13612ff652f127555fb9"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("60df13612ff652f127555fbb"),

"title" : "Inglorious Basterds",

"writer" : "Quentin Tarantino",

"year" : 2009,

"actors" : [

"Brad Pitt",

"Diane Kruger",

"Eli Roth"

]

}

**4.** MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.movies.find({franchise: "The Hobbit"}).pretty()

{

"\_id" : ObjectId("60df13612ff652f127555fbc"),

"title" : "The Hobbit: An Unexpected Journey",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit"

}

{

"\_id" : ObjectId("60df13612ff652f127555fbd"),

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

"writer" : "J.R.R. Tolkein",

"year" : 2013,

"franchise" : "The Hobbit"

}

{

"\_id" : ObjectId("60df13612ff652f127555fbe"),

"title" : "The Hobbit: The Battle of the Five Armies",

"writer" : "J.R.R. Tokein",

"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 raising darkness."

}

**5.** MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.movies.find({year: {$lt: 2000}}).pretty()

{

"\_id" : ObjectId("60df13612ff652f127555fb9"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("60df13612ff652f127555fba"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman"

]

}

**6.** MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.movies.find({year: {$gt: 2010}}).pretty()

{

"\_id" : ObjectId("60df13612ff652f127555fbc"),

"title" : "The Hobbit: An Unexpected Journey",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit"

}

{

"\_id" : ObjectId("60df13612ff652f127555fbd"),

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

"writer" : "J.R.R. Tolkein",

"year" : 2013,

"franchise" : "The Hobbit"

}

{

"\_id" : ObjectId("60df13612ff652f127555fbe"),

"title" : "The Hobbit: The Battle of the Five Armies",

"writer" : "J.R.R. Tokein",

"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 raising darkness."

}

**3. Update Documents**

MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> 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 of dwarves to reclaim their mountain home - and the gold within it - from the dragon Smaug."}})

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })

MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> 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."}})

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })

MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.movies.update({title: "Pulp Fiction"}, {$set: {actors: ["John Travolta", "Uma Thurman", "Samuel L. Jackson"]}})

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })

**Output of Updated documents**

**1.** MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.movies.find({title: "The Hobbit: An Unexpected Journey"}).pretty()

{

"\_id" : ObjectId("60df13612ff652f127555fbc"),

"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."

}

**2.** MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.movies.find({title: "The Hobbit: The Desolation of Smaug"}).pretty()

{

"\_id" : ObjectId("60df13612ff652f127555fbd"),

"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."

}

**3.** MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.movies.find({title: "Pulp Fiction"}).pretty()

{

"\_id" : ObjectId("60df13612ff652f127555fba"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman",

"Samuel L. Jackson"

]

}

**4. Text Search**

MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.movies.createIndex({synopsis:"text"})

{

"createdCollectionAutomatically" : false,

"numIndexesBefore" : 1,

"numIndexesAfter" : 2,

"commitQuorum" : "votingMembers",

"ok" : 1,

"$clusterTime" : {

"clusterTime" : Timestamp(1625234780, 7),

"signature" : {

"hash" : BinData(0,"q97HlQZYpczRDTGhvAL08PY8vrM="),

"keyId" : NumberLong("6930471147083399169")

}

},

"operationTime" : Timestamp(1625234780, 7)

}

MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.movies.getIndexes()

[

{

"v" : 2,

"key" : {

"\_id" : 1

},

"name" : "\_id\_"

},

{

"v" : 2,

"key" : {

"\_fts" : "text",

"\_ftsx" : 1

},

"name" : "synopsis\_text",

"weights" : {

"synopsis" : 1

},

"default\_language" : "english",

"language\_override" : "language",

"textIndexVersion" : 3

}

]

**1.** MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.movies.find({$text: {$search: "Bilbo"}}).pretty()

{

"\_id" : ObjectId("60df13612ff652f127555fbd"),

"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("60df13612ff652f127555fbe"),

"title" : "The Hobbit: The Battle of the Five Armies",

"writer" : "J.R.R. Tokein",

"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 raising darkness."

}

{

"\_id" : ObjectId("60df13612ff652f127555fbc"),

"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."

}

**2.** MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.movies.find({$text: {$search: "Gandalf"}}).pretty()

{

"\_id" : ObjectId("60df13612ff652f127555fbd"),

"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."

}

**3.** MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.movies.find({$text: {$search: "Bilbo -Gandalf"}}).pretty()

{

"\_id" : ObjectId("60df13612ff652f127555fbe"),

"title" : "The Hobbit: The Battle of the Five Armies",

"writer" : "J.R.R. Tokein",

"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 raising darkness."

}

{

"\_id" : ObjectId("60df13612ff652f127555fbc"),

"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."

}

**4.** MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.movies.find({$text: {$search: "dwarves"}}).pretty()

{

"\_id" : ObjectId("60df13612ff652f127555fbc"),

"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("60df13612ff652f127555fbd"),

"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."

}

**5.** MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.movies.find({$text: {$search: "gold dragon"}}).pretty()

{

"\_id" : ObjectId("60df13612ff652f127555fbc"),

"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."

}

**5. Delete Documents**

MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.movies.deleteOne({title: "Pee Wee Herman's Big Adventure"})

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

MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.movies.deleteOne({title: "Avatar"})

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

MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.movies.find().pretty()

{

"\_id" : ObjectId("60df13612ff652f127555fb9"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("60df13612ff652f127555fba"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman",

"Samuel L. Jackson"

]

}

{

"\_id" : ObjectId("60df13612ff652f127555fbb"),

"title" : "Inglorious Basterds",

"writer" : "Quentin Tarantino",

"year" : 2009,

"actors" : [

"Brad Pitt",

"Diane Kruger",

"Eli Roth"

]

}

{

"\_id" : ObjectId("60df13612ff652f127555fbc"),

"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("60df13612ff652f127555fbd"),

"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("60df13612ff652f127555fbe"),

"title" : "The Hobbit: The Battle of the Five Armies",

"writer" : "J.R.R. Tokein",

"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 raising darkness."

}

**6. Relationships**

MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.users.find().pretty()

{

"\_id" : ObjectId("60df265f2ff652f127555fc1"),

"username" : "GoodGuyGrey",

"first\_name" : "Good Guy",

"last\_name" : "Grey"

}

{

"\_id" : ObjectId("60df29062ff652f127555fc2"),

"username" : "ScumbagSteve",

"full\_name" : {

"first" : "Scumbag",

"last" : "Steve"

}

}

MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.posts.insertMany([{\_id: 1, username: "GoodGuyGrey", title: "Passes out at party", body: "Wakes up early and cleans house"}, {\_id: 2, username: "GoodGuyGrey", title: "Steals your identity", body: "Raises your credit score"}, {\_id: 3, username: "GoodGuyGrey", title: "Reports a bug in your code", body: "Sends you a Pull Request"}, {\_id: 4, username: "ScumbagSteve", title: "Borrows something", body: "Sells it"}, {\_id: 5, username: "ScumbagSteve", title: "Borrows everything", body: "The end"}, {\_id: 6, username: "ScumbagSteve", title: "Forks your repo on github", body: "Sets to private"}])

{ "acknowledged" : true, "insertedIds" : [ 1, 2, 3, 4, 5, 6 ] }

MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.comments.insertMany([{username: "GoodGuyGrey", comment: "Hope you got a good deal", post: 4}, {username: "GoodGuyGrey", comment: "What's mine is yours!", post: 5}, {username: "GoodGuyGrey", comment: "Don't violate the licensing agreement!", post: 6}, {username: "ScumbagSteve", comment: "It still isn't clean", post: 1}, {username: "ScumbagSteve", comment: "Denied your PR cause I found a hack", post: 3}])

{

"acknowledged" : true,

"insertedIds" : [

ObjectId("60df317c2ff652f127555fc3"),

ObjectId("60df317c2ff652f127555fc4"),

ObjectId("60df317c2ff652f127555fc5"),

ObjectId("60df317c2ff652f127555fc6"),

ObjectId("60df317c2ff652f127555fc7")

]

}

**Querying related collections**

**1.** MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.users.find().pretty()

{

"\_id" : ObjectId("60df265f2ff652f127555fc1"),

"username" : "GoodGuyGrey",

"first\_name" : "Good Guy",

"last\_name" : "Grey"

}

{

"\_id" : ObjectId("60df29062ff652f127555fc2"),

"username" : "ScumbagSteve",

"full\_name" : {

"first" : "Scumbag",

"last" : "Steve"

}

}

**2.** MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.posts.find().pretty()

{

"\_id" : 1,

"username" : "GoodGuyGrey",

"title" : "Passes out at party",

"body" : "Wakes up early and cleans house"

}

{

"\_id" : 2,

"username" : "GoodGuyGrey",

"title" : "Steals your identity",

"body" : "Raises your credit score"

}

{

"\_id" : 3,

"username" : "GoodGuyGrey",

"title" : "Reports a bug in your code",

"body" : "Sends you a Pull Request"

}

{

"\_id" : 4,

"username" : "ScumbagSteve",

"title" : "Borrows something",

"body" : "Sells it"

}

{

"\_id" : 5,

"username" : "ScumbagSteve",

"title" : "Borrows everything",

"body" : "The end"

}

{

"\_id" : 6,

"username" : "ScumbagSteve",

"title" : "Forks your repo on github",

"body" : "Sets to private"

}

**3.** MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.posts.find({username: "GoodGuyGrey"}).pretty()

{

"\_id" : 1,

"username" : "GoodGuyGrey",

"title" : "Passes out at party",

"body" : "Wakes up early and cleans house"

}

{

"\_id" : 2,

"username" : "GoodGuyGrey",

"title" : "Steals your identity",

"body" : "Raises your credit score"

}

{

"\_id" : 3,

"username" : "GoodGuyGrey",

"title" : "Reports a bug in your code",

"body" : "Sends you a Pull Request"

}

**4.** MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.posts.find({username: "ScumbagSteve"}).pretty()

{

"\_id" : 4,

"username" : "ScumbagSteve",

"title" : "Borrows something",

"body" : "Sells it"

}

{

"\_id" : 5,

"username" : "ScumbagSteve",

"title" : "Borrows everything",

"body" : "The end"

}

{

"\_id" : 6,

"username" : "ScumbagSteve",

"title" : "Forks your repo on github",

"body" : "Sets to private"

}

**5.** MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.comments.find().pretty()

{

"\_id" : ObjectId("60df317c2ff652f127555fc3"),

"username" : "GoodGuyGrey",

"comment" : "Hope you got a good deal",

"post" : 4

}

{

"\_id" : ObjectId("60df317c2ff652f127555fc4"),

"username" : "GoodGuyGrey",

"comment" : "What's mine is yours!",

"post" : 5

}

{

"\_id" : ObjectId("60df317c2ff652f127555fc5"),

"username" : "GoodGuyGrey",

"comment" : "Don't violate the licensing agreement!",

"post" : 6

}

{

"\_id" : ObjectId("60df317c2ff652f127555fc6"),

"username" : "ScumbagSteve",

"comment" : "It still isn't clean",

"post" : 1

}

{

"\_id" : ObjectId("60df317c2ff652f127555fc7"),

"username" : "ScumbagSteve",

"comment" : "Denied your PR cause I found a hack",

"post" : 3

}

**6.** MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.comments.find({username: "GoodGuyGrey"}).pretty()

{

"\_id" : ObjectId("60df317c2ff652f127555fc3"),

"username" : "GoodGuyGrey",

"comment" : "Hope you got a good deal",

"post" : 4

}

{

"\_id" : ObjectId("60df317c2ff652f127555fc4"),

"username" : "GoodGuyGrey",

"comment" : "What's mine is yours!",

"post" : 5

}

{

"\_id" : ObjectId("60df317c2ff652f127555fc5"),

"username" : "GoodGuyGrey",

"comment" : "Don't violate the licensing agreement!",

"post" : 6

}

**7.** MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.comments.find({username: "ScumbagSteve"}).pretty()

{

"\_id" : ObjectId("60df317c2ff652f127555fc6"),

"username" : "ScumbagSteve",

"comment" : "It still isn't clean",

"post" : 1

}

{

"\_id" : ObjectId("60df317c2ff652f127555fc7"),

"username" : "ScumbagSteve",

"comment" : "Denied your PR cause I found a hack",

"post" : 3

}

**8.** MongoDB Enterprise atlas-18tcwy-shard-0:PRIMARY> db.comments.find({post: 3}).pretty()

{

"\_id" : ObjectId("60df317c2ff652f127555fc7"),

"username" : "ScumbagSteve",

"comment" : "Denied your PR cause I found a hack",

"post" : 3

}