{

\_id: ObjectId("617a5916ce210890132936d8"),

title: 'Fight Club',

writer: 'Chuck Palahniuko',

year: 1999,

actor: [ 'Brad Pitt', 'Edward Norton' ]

},

{

\_id: ObjectId("617a5abcce210890132936d9"),

title: 'Pulp Fiction',

writer: 'Quantin Tarantino',

year: 1994,

actor: [ 'Jhon Travolta', 'Uma Thurman' ]

},

{

\_id: ObjectId("617a5b9bce210890132936da"),

title: 'Inglorious',

writer: 'Quantin Tarantino',

year: 2009,

actor: [ 'Brad Pitt', 'Diana Kruger', 'Eli Roth' ]

},

{

\_id: ObjectId("617a5cccce210890132936db"),

title: 'The Hobbit: An Unexpected Journey',

writer: 'J.R.R. Tolkien',

year: 2012,

franchise: 'The Hobbit'

},

{

\_id: ObjectId("617a5d14ce210890132936dc"),

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

writer: 'J.R.R. Tolkien',

year: 2013,

franchise: 'The Hobbit'

},

{

\_id: ObjectId("617a5e21ce210890132936dd"),

title: 'The Hobbit: The Battle of 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("617a5ec9ce210890132936de"),

title: "Pee Wee Herman's Big Adventure"

},

{ \_id: ObjectId("617a5ee0ce210890132936df"), title: 'Avatar' }

]

QUERY / FIND DOCUMENTS

1 . db.moives.find()

2.db.moives.find({writer: ‘Quantin Tarantino’})

A screenshot of a computer

Description automatically generated with medium confidence

Answer 2

Text

Description automatically generated

ANSWER 3: db.moives.find({actor:’Brad Pitt’})

Text

Description automatically generated

ANSWER 4: db.moives.find({franchise:’The Hobbit’})

Text

Description automatically generated

ANSWER 5:

UPDATE DOCUMENTS

Text

Description automatically generated

ANSWER 1

Text

Description automatically generated

ANSWER 2 , 3

TEXT SEARCH

Atlas atlas-ftq8uw-shard-0 [primary] mongo\_practice> db.movies.createIndex({synopsis:'text'})

1. Atlas atlas-ftq8uw-shard-0 [primary] mongo\_practice> db.movies.find({$text:{$search:'Bilbo'}})

2. Atlas atlas-ftq8uw-shard-0 [primary] mongo\_practice> db.movies.find({$text:{$search:'Gandalf'}})

3. Atlas atlas-ftq8uw-shard-0 [primary] mongo\_practice> db.movies.find({$text:{$search:'Bilbo -Gandalf'}})

4. Atlas atlas-ftq8uw-shard-0 [primary] mongo\_practice> db.movies.find({$text:{$search:'dwarves hobbit'}})

5. Atlas atlas-ftq8uw-shard-0 [primary] mongo\_practice> db.movies.find({$text:{$search:"'gold' 'dragon'"}})

DELETE COCUMENTS

1. Atlas atlas-ftq8uw-shard-0 [primary] mongo\_practice> db.moives.remove({title:"Pee Wee Herman's Big Adventure"})

2. Atlas atlas-ftq8uw-shard-0 [primary] mongo\_practice> db.moives.remove({title:'Avatar'})

RELATIONSHIPS-:

Atlas atlas-ftq8uw-shard-0 [primary] mongo\_practice> db.createCollection('users')

Atlas atlas-ftq8uw-shard-0 [primary] mongo\_practice> db.users.insertMany([{ username: "GoodGuyGreg", first\_name:"Good Guy",last\_name:"Greg"},{ username: "ScumbagSteve", full\_name:{first\_name:"Scumbag",last\_name:"Steve"}}]);

Atlas atlas-ftq8uw-shard-0 [primary] mongo\_practice> db.createCollection('post')

Atlas atlas-ftq8uw-shard-0 [primary] mongo\_practice> db.posts.insertMany([{ 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"}]);

Atlas atlas-ftq8uw-shard-0 [primary] mongo\_practice> db.createCollection('comments')

Atlas atlas-ftq8uw-shard-0 [primary] mongo\_practice> db.comments.insertMany([{ username: "GoodGuyGreg", comment:"Hope you got a good deal!",post:"617abe9d717731fe96b1a33a"},{ username: "GoodGuyGreg", comment:"What's mine is yours!",post:"617abe9d717731fe96b1a33b"},{ username: "GoodGuyGreg", comment:"Don't violate the licensing agreement!",post:"617abe9d717731fe96b1a33c"},{ username: "ScumbagSteve", comment:"It still isn't clean",post:"617abe9d717731fe96b1a33d"},{ username: "ScumbagSteve", comment:"Denied your PR cause I found a hack",post:"617abe9d717731fe96b1a33e"}]);

ANSWER 1:

Atlas atlas-ftq8uw-shard-0 [primary] mongo\_practice> db.user.find()

ANSWER 2:

Atlas atlas-ftq8uw-shard-0 [primary] mongo\_practice> db.posts.find()

ANSWER 3:

Atlas atlas-ftq8uw-shard-0 [primary] mongo\_practice> db.posts.find({ username:"GoodGuyGreg"})

ANSWER 4:

Atlas atlas-ftq8uw-shard-0 [primary] mongo\_practice> db.posts.find({ username:"ScumbagSteve"})

ANSWER 5:

Atlas atlas-ftq8uw-shard-0 [primary] mongo\_practice> db.comments.find()

ANSWER 6:

Atlas atlas-ftq8uw-shard-0 [primary] mongo\_practice> db.comments.find({username:"GoodGuyGreg"})

ANSWER 7:

Atlas atlas-ftq8uw-shard-0 [primary] mongo practice> db.comments.find({username:"ScumbagSteve"})

ANSWER 8:

Atlas atlas-ftq8uw-shard-0 [primary] mongo\_practice> db.posts.aggregate([{$match:{title:"Reports a bug in your code"}},{$lookup:{from:"comments",localField:"id",foreignField:"post",as:"comments"}}]).pretty();