practicce> show collections

aircraft

crew

flights

movies

sample

**get all documents**

**practicce> db.movies.find()**

[

{

\_id: ObjectId("6388701052cc506f6d2784ca"),

title: 'Fight Club',

writer: 'Chuck Palahniuk',

year: 1999,

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

},

{

\_id: ObjectId("6388701052cc506f6d2784cb"),

title: 'Pulp Fiction',

writer: 'Quentin Tarantino',

year: 1994,

actors: [ 'John Travolta', 'Uma Thurman' ]

},

{

\_id: ObjectId("6388701052cc506f6d2784cc"),

title: 'Inglorious Basterds',

writer: 'Quentin Tarantino',

year: 2009,

actors: [ 'Brad Pitt', 'Diane Kruger', 'Eli Roth' ]

},

{

\_id: ObjectId("6388701052cc506f6d2784cd"),

title: 'The Hobbit: An Unexpected Journey',

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

year: 2012,

franchise: 'The Hobbit'

},

{

\_id: ObjectId("6388701052cc506f6d2784ce"),

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

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

year: 2013,

franchise: 'The Hobbit'

},

{

\_id: ObjectId("6388701052cc506f6d2784cf"),

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'

}

]

**get all documents with writer set to "Quentin Tarantino"**

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

[

{

\_id: ObjectId("6388701052cc506f6d2784cb"),

title: 'Pulp Fiction',

writer: 'Quentin Tarantino',

year: 1994,

actors: [ 'John Travolta', 'Uma Thurman' ]

},

{

\_id: ObjectId("6388701052cc506f6d2784cc"),

title: 'Inglorious Basterds',

writer: 'Quentin Tarantino',

year: 2009,

actors: [ 'Brad Pitt', 'Diane Kruger', 'Eli Roth' ]

}

]

**get all documents where actors include "Brad Pitt"**

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

[

{

\_id: ObjectId("6388701052cc506f6d2784ca"),

title: 'Fight Club',

writer: 'Chuck Palahniuk',

year: 1999,

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

},

{

\_id: ObjectId("6388701052cc506f6d2784cc"),

title: 'Inglorious Basterds',

writer: 'Quentin Tarantino',

year: 2009,

actors: [ 'Brad Pitt', 'Diane Kruger', 'Eli Roth' ]

}

]

**get all documents with franchise set to "The Hobbit"**

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

[

{

\_id: ObjectId("6388701052cc506f6d2784cd"),

title: 'The Hobbit: An Unexpected Journey',

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

year: 2012,

franchise: 'The Hobbit'

},

{

\_id: ObjectId("6388701052cc506f6d2784ce"),

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

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

year: 2013,

franchise: 'The Hobbit'

},

{

\_id: ObjectId("6388701052cc506f6d2784cf"),

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'

}

]

**get all movies released in the 90s**

**practicce> db.movies.find({$and:[{year:{$lt:2000}},{year:{$gt:1900}}]})**

[

{

\_id: ObjectId("6388701052cc506f6d2784ca"),

title: 'Fight Club',

writer: 'Chuck Palahniuk',

year: 1999,

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

},

{

\_id: ObjectId("6388701052cc506f6d2784cb"),

title: 'Pulp Fiction',

writer: 'Quentin Tarantino',

year: 1994,

actors: [ 'John Travolta', 'Uma Thurman' ]

}

]

**get all movies released before the year 2000 or after 2010**

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

[

{

\_id: ObjectId("6388701052cc506f6d2784ca"),

title: 'Fight Club',

writer: 'Chuck Palahniuk',

year: 1999,

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

},

{

\_id: ObjectId("6388701052cc506f6d2784cb"),

title: 'Pulp Fiction',

writer: 'Quentin Tarantino',

year: 1994,

actors: [ 'John Travolta', 'Uma Thurman' ]

},

{

\_id: ObjectId("6388701052cc506f6d2784cd"),

title: 'The Hobbit: An Unexpected Journey',

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

year: 2012,

franchise: 'The Hobbit'

},

{

\_id: ObjectId("6388701052cc506f6d2784ce"),

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

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

year: 2013,

franchise: 'The Hobbit'

},

{

\_id: ObjectId("6388701052cc506f6d2784cf"),

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'

}

]

**count the number of writer from the movie collection**

**practicce> db.movies.distinct("writer")**

[ 'Chuck Palahniuk', 'J.R.R. Tolkein', 'Quentin Tarantino' ]

practicce> db.movies.distinct("writer").length

**update an actor named "Samuel L. Jackson" to the movie "Pulp Fiction"**

**practicce> db.movies.update({title:"Pulp Fiction"},{$push:{actors:"Samuel L.Jackson"}})**

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

**all movies that have a synopsis that contains the word "Gandalf**”

**practicce> db.movies.find({synopsis:{$regex:"Gandalf"}})**

**//here nothing will print because Gandalf is not there in any synopsis**

**display the movie collection based on year in descending order.**

**practicce> db.movies.find().sort({year:-1})**

[

{

\_id: ObjectId("6388701052cc506f6d2784ce"),

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

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

year: 2013,

franchise: 'The Hobbit'

},

{

\_id: ObjectId("6388701052cc506f6d2784cd"),

title: 'The Hobbit: An Unexpected Journey',

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

year: 2012,

franchise: 'The Hobbit'

},

{

\_id: ObjectId("6388701052cc506f6d2784cf"),

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'

},

{

\_id: ObjectId("6388701052cc506f6d2784cc"),

title: 'Inglorious Basterds',

writer: 'Quentin Tarantino',

year: 2009,

actors: [ 'Brad Pitt', 'Diane Kruger', 'Eli Roth' ]

},

{

\_id: ObjectId("6388701052cc506f6d2784ca"),

title: 'Fight Club',

writer: 'Chuck Palahniuk',

year: 1999,

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

},

{

\_id: ObjectId("6388701052cc506f6d2784cb"),

title: 'Pulp Fiction',

writer: 'Quentin Tarantino',

year: 1994,

actors: 'Samuel L.Jackson'

}

]

]

**Display last two recent movie**

**practicce> db.movies.find().sort({year:-1}).limit(2)**

[

{

\_id: ObjectId("6388701052cc506f6d2784ce"),

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

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

year: 2013,

franchise: 'The Hobbit'

},

{

\_id: ObjectId("6388701052cc506f6d2784cd"),

title: 'The Hobbit: An Unexpected Journey',

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

year: 2012,

franchise: 'The Hobbit'

}

]