use mongodb\_practice

db.movies.insertMany([

{

title: "Fight Club",

writer: "Chuck Palahniuk",

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"

}

]);

1. get all documents

db.movies.find()

2. get all documents with `writer` set to "Quentin Tarantino"

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

3. get all documents where `actors` include "Brad Pitt"

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

4. get all documents with `franchise` set to "The Hobbit"

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

5. get all movies released in the 90s

db.movies.find({year:{$gte:1990,$lte:1999}})

6. get all movies released before the year 2000 or after 2010

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

## Text Search

1. find all movies that whose title start with Inglorious

db.movies.find({title: { $regex: /^Inglorious/, $options: 'i' }});

2. Project only film name and actor names in descending order of title

db.movies.find({},{title: 1,actors: 1,\_id: 0}).sort({ title: -1 });

3. Sort the movies by year in descending manner

db.movies.find({},{\_\_id: 0}).sort({ year: -1 });

4. find the last record of the doucment

db.movies.find().limit(-1)

5. find the 3rd record from the document

db.movies.find().skip(2).limit(1)