1, Insert a new document into the crew collection, which contains your name and birth year in the name and birthYear fields. Write a query to show the existence of this record!

db.crew.insertOne({ "name": "Dávid Albert", "birthYear": "1999" })

A képen szöveg látható

Automatikusan generált leírás db.crew.find({ "name": "Dávid Albert"})

2, List all movies that were released after 2000

A képen szöveg látható

Automatikusan generált leírás db.movie.find({year:{$gt:2000}})

3, List all the family dramas (where genres includes both “Family” and “Drama”)

db.movie.find({genres:{$all:['Family','Drama']}})A képen szöveg látható

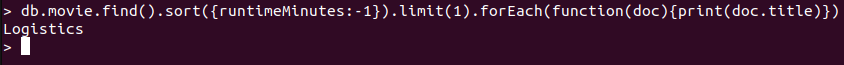
Automatikusan generált leírás

4, Get the number of all comedies that were released this year (2021).

A képen szöveg látható

Automatikusan generált leírás db.movie.find({genres:'Comedy',year:2021}).count()

5, Find the title of the longest movie.

db.movie.find().sort({runtimeMinutes:-1}).limit(1).forEach(function(doc){print(doc.title)})

6, List the names of “one-shot” directors (people with a single director credit to their name). List only the names and no other fields!

db.crew.find(

{ directed: { $size: 1 } },

{ name: 1, \_id: 0 }

A képen szöveg látható

Automatikusan generált leírás)

7, Find the list of writer-directors, i.e. people who have at least one credit in each category (not necessarily on the same movie).

db.crew.aggregate([

{

$match: {

$and: [

{ directed: { $exists: true, $ne: [] } },

{ written: { $exists: true, $ne: [] } }

]

}

},

{

$project: { \_id: 0, name: 1 }

}

A képen szöveg látható

Automatikusan generált leírás])

8, Find the list of people who contributed to title tt0071853 (Monty Python and the Holy Grail) either as writer or director. List each person only once even if they have credits in both categories.

A képen szöveg látható

Automatikusan generált leírásdb.crew.find({$or: [{"directed": "tt0071853"}, {"written": "tt0071853"}]}, {"name": 1, "\_id": 0}).sort({"name": 1})

9, Mark people where date of birth or date of death is supposedly missing from the database. Find people who have either no birthDate or have no deathDate and were born before 1900 and add a new Boolean field missingDate with value true to their documents. Do not modify the documents of other people.

db.crew.updateMany(

{

$or: [

{ birthYear: { $exists: false } },

{ deathYear: { $exists: false } }

],

birthYear: { $lt: 1900 }

},

{ $set: { missingDate: true } }

A képen szöveg látható

Automatikusan generált leírás)

10, Find movies that were codirections, i.e. have more than one directors. It is enough to list their ids.

db.crew.aggregate([

{

$project: {

A képen szöveg látható

Automatikusan generált leírás \_id: 0,

directed: 1

}

},

{

$unwind: "$directed"

},

{

$group: {

\_id: "$directed",

count: { $sum: 1 }

}

},

{

$match: {

count: { $gt: 1 }

}

}

])

11, Show the list of movies’ titles and their director(s)’ name.

db.movie.aggregate([

{

A képen szöveg látható

Automatikusan generált leírás $lookup: {

from: "crew",

localField: "directors",

foreignField: "\_id",

as: "directors"

}

},

{

$project: {

\_id: 1,

title: 1,

"directors.name": 1

}

}

])