Assignment-4

Create a collection called “movies” and perform the queries listed below:

1. Add 5 movies to the collection, every movie document should include the following properties: name, genre, rating (out of 10) and language

Graphical user interface, text

Description automatically generated

1. Write a query that returns all the movies

A screenshot of a computer screen

Description automatically generated

1. Write a query to find anyone movie name using findOne method (Do not use limit() method)

**>db.movies.find({"Name":"DDLJ"}).pretty();**

{

"\_id" : ObjectId("5f77948d660d48f7dd075fbd"),

"Name" : "DDLJ",

"Genre" : "Romance",

"Rating" : "5 star",

"Language" : "Hindi"

}

1. Write a query that returns the three highest rated movies

Query-

**db.movies.find({"Rating":{$gt:"5"}}).pretty();**

{

"\_id" : ObjectId("5f779573660d48f7dd075fc0"),

"Name" : "Sultan",

"Genre" : "Action/Rommance",

"Rating" : "5 star",

"Language" : "Hindi"

}

{

"\_id" : ObjectId("5f7795be660d48f7dd075fc1"),

"Name" : "The Lord of the Rings",

"Genre" : "Action",

"Rating" : "5 star",

"Language" : "English"

}

5) Add a key called achievements in any two documents. One document should have ‘Super hit’ and other should have ‘Super Duper Hit’ as value to key achievements. This task should be performed in two waysi. Using update() method ii. Using save() method Hint: For save, you have to query the object and store it in a variable first

Queries: Using Update()-

* **db.movies.update({'Name':'Dangal'},{$set:{'Achievements':'Super Hit'}},{multi:true})**

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

* **db.movies.update({'Name':'The Lord of the Rings'}, {$set:{'Achievements':'Super Duper Hit'}},{multi:true})**

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

By Save()-

Before- {

"\_id" : ObjectId("5f77948d660d48f7dd075fbd"),

"Name" : "DDLJ",

"Genre" : "Romance",

"Rating" : "5",

"Language" : "Hindi"

}

After-

**> db.movies.save({ "\_id" : ObjectId("5f77948d660d48f7dd075fbd"),'Achievements':'Super Duper Hit'})**

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

**Output-**

{ "\_id" : ObjectId("5f77948d660d48f7dd075fbd"), "Achievements" : "Super Duper Hit" }

6) Write a query that returns all the movies that have both the ‘Super hit’ and the ‘Super Duper hit’’ achievements

Text

Description automatically generated

7) Write a query that returns only those movies that have achievements

**> db.movies.find({ Achievements: { $exists: true }}).pretty();**

{

"\_id" : ObjectId("5f77948d660d48f7dd075fbd"),

"Achievements" : "Super Duper Hit"

}

{

"\_id" : ObjectId("5f77955a660d48f7dd075fbf"),

"Name" : "Dangal",

"Genre" : "Action/Drama",

"Rating" : "5",

"Language" : "Hindi",

"Achievements" : "Super Hit"

}

{

"\_id" : ObjectId("5f7795be660d48f7dd075fc1"),

"Name" : "The Lord of the Rings",

"Genre" : "Action",

"Rating" : "5 star",

"Language" : "English",

"Achievements" : "Super Duper Hit"

}

>