***EN No:: 2202504***

***Name:: Mayuresh Satish Pawashe***

**Insert Value in film ::**

**db.film.insert({"filmid":1,"title":"dabanggg","r\_year":"2018","genre":["drama","romance","action"],"actor":{"FN":"Salman","LN":"Khan"},"director":{"FN":'arbaj','LN':'khan'},"RD":{"PR":['daund','pune','dharashiv','nagar'],"DR":["11-3-2018","15-3-2018"],"rating":5}})**

**WriteResult({ "nInserted" : 1 })**

**db.film.insert({"filmid":2,"title":"KGF","r\_year":"2014","genre":["SCI-FI","romance","action"],"actor":{"FN":"Yash","LN":"Gowda"},"director":{"FN":'prashanth','LN':'Neel'},"RD":{"PR":['Maharashtra','Kerala','Karnataka','Gujrat'],"DR":["11-3-2014","15-3-2014"],"rating":10}})**

**WriteResult({ "nInserted" : 1 })**

**db.film.insert({"filmid":3,"title":"KGF2","r\_year":"2021","genre":["SCI-FI","romance","action"],"actor":{"FN":"Yash","LN":"Gowda"},"director":{"FN":'prashanth','LN':'Neel'},"RD":{"PR":['Maharashtra','Kerala','Karnataka','Gujrat'],"DR":["11-3-2021","15-3-2021"],"rating":10}})**

**WriteResult({ "nInserted" : 1 })**

**db.film.insert({"filmid":4,"title":"Avatar","r\_year":"2009","genre":["SCI-FI","romance","emotional"],"actor":{"FN":"Mayuresh","LN":"Pawashe"},"director":{"FN":'Sahil','LN':'Kokare'},"RD":{"PR":['Maharashtra','Kerala','Karnataka','Gujrat'],"DR":["11-3-2021"],"rating":10}})**

**WriteResult({ "nInserted" : 1 })**

**db.film.insert({"filmid":5,"title":"Redy","r\_year":"2010","genre":["Comedy","romance","emotional"],"actor":{"FN":"Salman","LN":"Khan"},"director":{"FN":'Mayuresh','LN':'Pawashe'},"RD":{"PR":['Maharashtra','Kerala','Karnataka','Gujrat'],"DR":["11-3-2021","12-12-2021"],"rating":02}})**

**WriteResult({ "nInserted" : 1 })**

**db.film.insert({"filmid":6,"title":"DJ","r\_year":"2014","genre":["Comedy","romance","emotional"],"actor":{"FN":"Alia","LN":"Bhatt","FN":"Allu","LN":"Arjun"},"director":{"FN":'Ram','LN':'Charan'},"RD":{"PR":['Maharashtra','Kerala','Karnataka','Gujrat'],"DR":["11-3-2014"],"rating":02}})**

**WriteResult({ "nInserted" : 1 })**

**db.film.insert({"filmid":7,"title":"Bramahstra","r\_year":"2019","genre":["Comedy","romance","Faltugiri"],"actor":{"FN":"Alia","LN":"Bhatt","FN":"Allu","LN":"Arjun"},"director":{"FN":'Rohit','LN':'Shetty'},"RD":{"PR":['Maharashtra','Kerala','Karnataka','Gujrat'],"DR":["19-8-2019"],"rating":05}})**

**WriteResult({ "nInserted" : 1 })**

**db.film.insert({"filmid":8,"title":"Kantara","r\_year":"2022","genre":["Thrillar","romance","Action"],"actor":{"FN":"Rishab","LN":"Shetty"},"director":{"FN":'Rishab','LN':'Shetty'},"RD":{"PR":['Maharashtra','Kerala','Karnataka','Gujrat'],"DR":["22-3-2022"],"rating":10}})**

**WriteResult({ "nInserted" : 1 })**

**db.film.insert({"filmid":11,"title":"Endgame","r\_year":"2020","genre":["Thrillar","Advanture","Action"],"actor":{"FN":"Robert","LN":"Downy\_junior"},"director":{"FN":'Arya','LN':'Kale'},"RD":{"PR":['Maharashtra','Kerala','Karnataka','Gujrat'],"DR":["22-3-2022"],"rating":3000}})**

**WriteResult({ "nInserted" : 1 })**

**Insert Value in Actor::**

**db.actor.insert({"a\_id":101,"f\_name":"Salman","l\_name":"Khan","address":{"street":"Ghole\_road","city":"pune","state":"maharashtra","country":"india","pin\_code":411052},"contact\_details":{"email\_id":"salman@deer.com","ph\_no":727363746},"age":60})**

**WriteResult({ "nInserted" : 1 })**

**> db.actor.insert({"a\_id":102,"f\_name":"Akshay","l\_name":"Kumar","address":{"street":"FC\_road","city":"pune","state":"maharashtra","country":"india","pin\_code":411052},"contact\_details":{"email\_id":"akshay@gmail.com","ph\_no":89968424},"age":50})**

**WriteResult({ "nInserted" : 1 })**

**> db.actor.insert({"a\_id":102,"f\_name":"Alia","l\_name":"Bhatt","address":{"street":"JM\_road","city":"pune","state":"maharashtra","country":"india","pin\_code":411052},"contact\_details":{"email\_id":"akshay@gmail.com","ph\_no":856559424},"age":40})**

**WriteResult({ "nInserted" : 1 })**

**> db.actor.insert({"a\_id":103,"f\_name":"Kiara","l\_name":"Adwani","address":{"street":"GT\_road","city":"pune","state":"maharashtra","country":"india","pin\_code":411052},"contact\_details":{"email\_id":"kiara@gmail.com","ph\_no":853259424},"age":30})**

**WriteResult({ "nInserted" : 1 })**

**1. Add a value to the rating of the film whose title starts with "T".**

**db.film.find({title:{$regex:"T"}}).pretty()**

**{**

**"\_id" : ObjectId("63aff311cf7ed38e53b207e8"),**

**"filmid" : 9,**

**"title" : "Tango\_Charlie",**

**"r\_year" : "1996",**

**"genre" : [**

**"Thrillar",**

**"Advanture"**

**],**

**"actor" : {**

**"FN" : "Dhanush",**

**"LN" : "Shetty"**

**},**

**"director" : {**

**"FN" : "Rishab",**

**"LN" : "Shetty"**

**},**

**"RD" : {**

**"PR" : [**

**"Maharashtra",**

**"Kerala",**

**"Karnataka",**

**"Gujrat"**

**],**

**"DR" : [**

**"22-3-2022"**

**],**

**"rating" : 10**

**}**

**}**

**2. Add an actor named "Dhanush" in the „Actor‟ collection. Also add the details of the film in „Film‟ collection in which this actor has acted in.**

**db.actor.insert({"a\_id":104,"f\_name":"Dhanush","l\_name":"Raj","address":{"street":"Salman\_deer\_road","city":"pune","state":"maharashtra","country":"india","pin\_code":411052},"contact\_details":{"email\_id":"dhanush@gmail.com","ph\_no":993259424},"age":45})**

**WriteResult({ "nInserted" : 1 })**

**db.film.insert({"filmid":10,"title":"Mari2","r\_year":"2017","genre":["Thrillar","Advanture","Action"],"actor":{"FN":"Dhanush","LN":"Raj"},"director":{"FN":'Rishab','LN':'Shetty'},"RD":{"PR":['Maharashtra','Kerala','Karnataka','Gujrat'],"DR":["22-3-2022"],"rating":10}})**

**WriteResult({ "nInserted" : 1 })**

**3. Delete the film "Endgame"**

**db.film.deleteOne({title:"Endgame"})**

**{ "acknowledged" : true, "deletedCount" : 1 }**

**4. Delete an actor named "Salman Khan"**

**db.actor.deleteOne({$and:[{f\_name:"Salman"},{l\_name:"Khan"}]})**

**{ "acknowledged" : true, "deletedCount" : 1 }**

**5. Delete all actors from an „Actor‟ collection who have age greater than 50**

**db.actor.deleteMany({age:{$gt:50}})**

**{ "acknowledged" : true, "deletedCount" : 0 }**

**6. Update the actor‟s address where Actor Id is “13”.**

**db.actor.updateOne({a\_id:13},{$set:{address:{street:"FC\_road",city:"Mumbai",state:"Maharashtra",country:"india",pin\_code:11111}}})**

**{ "acknowledged" : true, "matchedCount" : 1, "modifiedCount" : 1 }**

**7. Update the genre of the film directed by “Ayan Mukerji”.**

**db.film.updateOne({$and:[{"director.FN":"Ayan"}]},{$set:{genre:['Romantic']}})**

**{ "acknowledged" : true, "matchedCount" : 1, "modifiedCount" : 1 }**

**8. Find the titles of all the films starting with the letter "R" released during the year 2009 and 2011.**

**db.film.find($and:[{title:{$regex:"W"}},{$and:[{r\_year:{$gt:2009}},{r\_year:{$lt:20012}}]}]},{title:1})**

**9. Find the list of films acted by an actor " ".**

**db.film.find({$and:[{"actor.FN":"Allu"},{"actor.LN":"Arjun"}]},{title:1})**

**{ "\_id" : ObjectId("63a1784d42a4b55afc0d106b"), "title" : "DJ" }**

**{ "\_id" : ObjectId("63a17a4642a4b55afc0d106c"), "title" : "Bramahstra" }**

**10. Find all the films released in 90s**

**db.film.find({$and:[{r\_year:{$gt:"1989"}},{r\_year:{$lt:"2000"}}]},{title:1})**

**{ "\_id" : ObjectId("63aff311cf7ed38e53b207e8"), "title" : "Tango\_Charlie" }**