

**ADVANCED DATABASE MANAGEMENT SYSTEM LAB****Name: Mathew Sebastian****Roll No:18****Batch: B****Date: 3/06/2022****Experiment No.: 8****Aim**

Create database ,

Practice CRUD operations.

**Procedure**

- 1.use AJCE  
show dbs

```
> use AJCE
switched to db AJCE
> show dbs
AJCE          0.000GB
WEB           0.000GB
admin         0.000GB
config        0.000GB
local         0.000GB
my_project_db 0.000GB
rmca2023      0.000GB
rmca2023a     0.000GB
```

2. db.createCollection("mydb")

```
> db.createCollection("mydb")
{ "ok" : 1 }
```

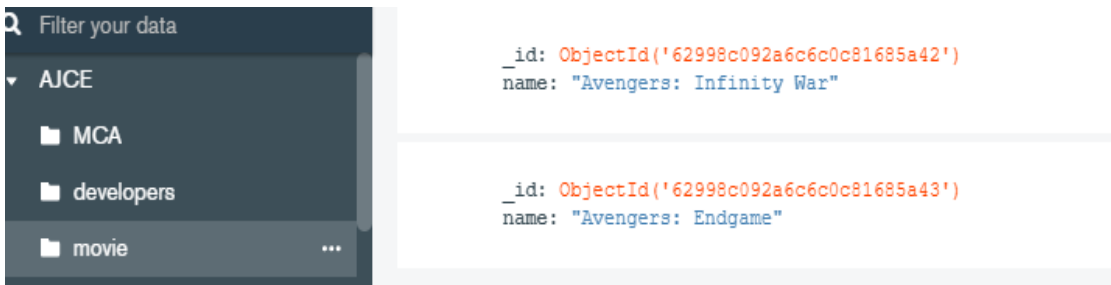
3. db.createCollection("movie")

```
> db.createCollection("movie")
{ "ok" : 1 }
```

4. db.movie.insert({"name":"Avengers: Endgame"})

```
> db.movie.insert({"name":"Avengers: Endgame"})
WriteResult({ "nInserted" : 1 })
```

5. db.movie.insert(  
[  
{"name": "Avengers: Infinity War" },  
{"name": "Avengers: Endgame" }  
]  
)

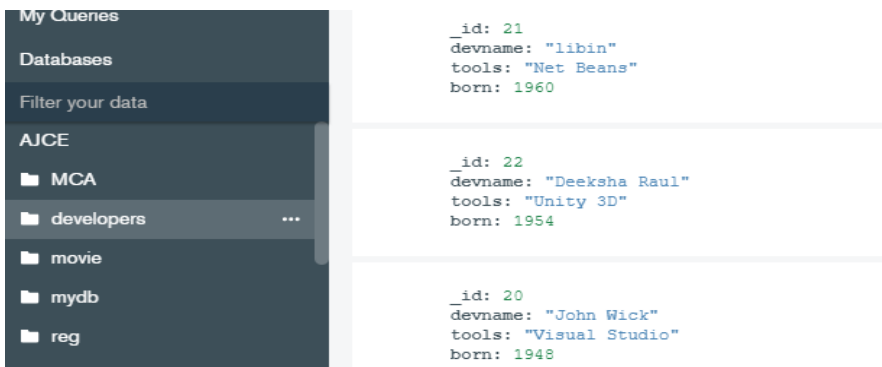


The screenshot shows the MongoDB Compass interface. On the left, the 'movie' collection is selected under the 'AJCE' database. The main panel displays two documents:

```
{ "_id": ObjectId('62998c092a6c6c0c81685a42'), "name": "Avengers: Infinity War" }
```

```
{ "_id": ObjectId('62998c092a6c6c0c81685a43'), "name": "Avengers: Endgame" }
```

6. db.developers.insertMany(  
[  
{ \_id: 20, devname: "John Wick", tools: "Visual Studio",  
born: 1948 },  
{ \_id: 21, devname: "Ganesh Roy", tools: "Net Beans",  
born: 1945 },  
{ \_id: 22, devname: "Deeksha Raul", tools: "Unity 3D",  
born: 1954 }  
]  
)



The screenshot shows the MongoDB Compass interface. On the left, the 'developers' collection is selected under the 'AJCE' database. The main panel displays three documents:

```
{ "_id": 21, "devname": "libin", "tools": "Net Beans", "born": 1960 }
```

```
{ "_id": 22, "devname": "Deeksha Raul", "tools": "Unity 3D", "born": 1954 }
```

```
{ "_id": 20, "devname": "John Wick", "tools": "Visual Studio", "born": 1948 }
```

7.db.developers.deleteOne({devname: "John Wick"})

```
> db.developers.deleteOne({devname: "John Wick"})  
{ "acknowledged" : true, "deletedCount" : 1 }
```

8. db.developers.updateOne({\_id:21},  
{\$set:{devname:"libin"}})

```
> db.developers.updateOne({_id:21}, {$set:{devname:"libin"}})  
{ "acknowledged" : true, "matchedCount" : 1, "modifiedCount" : 1 }
```

9. db.developers.updateMany({\_id:21},{ \$set:{born:1960}}  
,{\_id:22},{ \$set:{born:1945}} )

```
> db.developers.updateMany({_id:21},{ $set:{born:1960}} ,{_id:22},{ $set:{born:1945}} )  
{ "acknowledged" : true, "matchedCount" : 1, "modifiedCount" : 1 }  
>
```