

ADVANCED DBMS LAB**Experiment No.: 8****AIM**

MongoDB CRUD operations

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Roll No: 55

Batch: B

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PROCEDURE**Create operations**

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

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

```
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 }
]
)
```

```
> 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 }
... ]
... )
{ "acknowledged" : true, "insertedIds" : [ 20, 21, 22 ] }
> db.developers.find()
```

Read Operations

db.movie.find()

```
> db.movie.find()
{ "_id" : ObjectId("62995d90bf34399213064870"), "name" : "Avengers: Endgame" }
use developers
```

db.developers.find()

```
> db.developers.find()
{ "_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 }
```

Update Operations

db.developers.updateOne({devname:"John Wick"},{\$set:{born:"1950"}})

```
> db.developers.updateOne({devname:"John Wick"},{$set:{born:"1950"}})
{ "acknowledged" : true, "matchedCount" : 1, "modifiedCount" : 1 }
> db.developers.find()
{ "_id" : 20, "devname" : "John Wick", "tools" : "Visual Studio", "born" : "1950" }
{ "_id" : 21, "devname" : "Ganesh Roy", "tools" : "Net Beans", "born" : 1945 }
{ "_id" : 22, "devname" : "Deeksha Raul", "tools" : "Unity 3D", "born" : 1954 }
```

Delete Operations

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

```
> db.developers.deleteOne({devname:"John Wick"})
{ "acknowledged" : true, "deletedCount" : 1 }
> db.developers.find()
{ "_id" : 21, "devname" : "Ganesh Roy", "tools" : "Net Beans", "born" : "1954" }
{ "_id" : 22, "devname" : "Deeksha Raul", "tools" : "Unity 3D", "born" : 1954 }
```

