**Create a new database named CDAC and connect to it**

-->

>use CDAC

switched to db CDAC

**Q. View list of available collections in CDAC database**

-->

> db.LIBRARY.find()

{ "\_id" : ObjectId("625e8b4ebd219370431fe30d") }

{ "\_id" : ObjectId("625e8c1dbd219370431fe30e"), "title" : "MongoDB programming", "author" : "Sameer", "likes" : 100 }

**Q. Create a new collection by the name of LIBRARY**

-->

> db.LIBRARY.insert({})

WriteResult({ "nInserted" : 1 })

**Q. Insert the following document in the LIBRARY collection:-**

**title:'MongoDB programming', author:'Sameer', likes:100**

-->

> db.LIBRARY.insert({title:"MongoDB programming",author:"Sameer",likes:100})

WriteResult({ "nInserted" : 1 })

1. **View the recently inserted document and note the \_id field**

-->

db.LIBRARY.find()

{ "\_id" : ObjectId("625e8b4ebd219370431fe30d") }

{ "\_id" : ObjectId("625e8c1dbd219370431fe30e"), "title" : "MongoDB programming", "author" : "Sameer", "likes" : 100 }

1. **Insert another document in the LIBRARY collection as follows:-**

**title:'MySQL programming', authors:['Jack','Jill'], likes:200**

-->

> db.LIBRARY.insert({title:"MySQL programming",authors:['Jack','Jill'],likes:200})

WriteResult({ "nInserted" : 1 })

**Q. View the inserted documents**

-->

> db.LIBRARY.find()

{ "\_id" : ObjectId("625e8b4ebd219370431fe30d") }

{ "\_id" : ObjectId("625e8c1dbd219370431fe30e"), "title" : "MongoDB programming", "author" : "Sameer", "likes" : 100 }

{ "\_id" : ObjectId("625e9157bd219370431fe30f"), "title" : "MySQL programming", "authors" : [ "Jack", "Jill" ], "likes" : 200 }

**Q. View only the first inserted document**

-->

> db.LIBRARY.find(ObjectId("625e8c1dbd219370431fe30e"))

{ "\_id" : ObjectId("625e8c1dbd219370431fe30e"), "title" : "MongoDB programming", "author" : "Sameer", "likes" : 100 }

**Q. View the documents using the pretty() method**

-->

> db.LIBRARY.find().pretty()

{ "\_id" : ObjectId("625e8b4ebd219370431fe30d") }

{

"\_id" : ObjectId("625e8c1dbd219370431fe30e"),

"title" : "MongoDB programming",

"author" : "Sameer",

"likes" : 100

}

{

"\_id" : ObjectId("625e9157bd219370431fe30f"),

"title" : "MySQL programming",

"authors" : [

"Jack",

"Jill"

],

"likes" : 200

}

1. **Update the document where author name = Sameer and change it to Sameer Dehadrai**

-->

> db.LIBRARY.updateOne({title:"MongoDB programming"},

{$set:{"author":"Sameer Dehadrai"}})

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

1. **Delete all documents that have 100 likes**

-->

> db.LIBRARY.deleteMany({likes:100})

{ "acknowledged" : true, "deletedCount" : 2 }

1. **Drop the LIBRARY collection**

-->

> db.LIBRARY.drop()

true

**Q. Drop the CDAC database**

-->

> db.dropDatabase()

{ "ok" : 1 }

1. **Exit from MongoDB shell**

-->

ctrl+d