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

Atlas atlas-uvzqxe-shard-0 [primary] myFirstDatabase> use CDAC

switched to db CDAC

Atlas atlas-uvzqxe-shard-0 [primary] CDAC> db

CDAC

Atlas atlas-uvzqxe-shard-0 [primary] CDAC>

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

Atlas atlas-uvzqxe-shard-0 [primary] CDAC> show tables

DBDA

LIBRARY

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

Atlas atlas-uvzqxe-shard-0 [primary] CDAC> db.createCollection('LIBRARY')

{ ok: 1 }

Atlas atlas-uvzqxe-shard-0 [primary] CDAC> show tables

DBDA

LIBRARY

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

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

Atlas atlas-uvzqxe-shard-0 [primary] CDAC> db.LIBRARY.insertOne({title:'Mongodb programming',author:'Sameer',likes:100})

{

acknowledged: true,

insertedId: ObjectId("625f87c4f965e06c42406c61")

}

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

Atlas atlas-uvzqxe-shard-0 [primary] CDAC> db.LIBRARY.find()

[

{

\_id: ObjectId("625f87c4f965e06c42406c61"),

title: 'Mongodb programming',

author: 'Sameer',

likes: 100

}

]

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

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

Atlas atlas-uvzqxe-shard-0 [primary] CDAC> db.LIBRARY.insertOne({title:'MySQL',author:['Jack','Jill'],likes:200})

{

acknowledged: true,

insertedId: ObjectId("625f890df965e06c42406c63")

}

1. **View the inserted documents**

Atlas atlas-uvzqxe-shard-0 [primary] CDAC> db.LIBRARY.find()

[

{

\_id: ObjectId("625f87c4f965e06c42406c61"),

title: 'Mongodb programming',

author: 'Sameer',

likes: 100

},

{

\_id: ObjectId("625f88cbf965e06c42406c62"),

title: 'MySQL',

author: [ 'Sameer', 'Jill' ],

likes: 200

},

{

\_id: ObjectId("625f890df965e06c42406c63"),

title: 'MySQL',

author: [ 'Jack', 'Jill' ],

likes: 200

}

]

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

Atlas atlas-uvzqxe-shard-0 [primary] CDAC> db.LIBRARY.findOne()

{

\_id: ObjectId("625f87c4f965e06c42406c61"),

title: 'Mongodb programming',

author: 'Sameer',

likes: 100

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

Atlas atlas-uvzqxe-shard-0 [primary] CDAC> db.LIBRARY.find().pretty()

[

{

\_id: ObjectId("625f87c4f965e06c42406c61"),

title: 'Mongodb programming',

author: 'Sameer',

likes: 100

},

{

\_id: ObjectId("625f88cbf965e06c42406c62"),

title: 'MySQL',

author: [ 'Sameer', 'Jill' ],

likes: 200

},

{

\_id: ObjectId("625f890df965e06c42406c63"),

title: 'MySQL',

author: [ 'Jack', 'Jill' ],

likes: 200

}

]

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

Atlas atlas-uvzqxe-shard-0 [primary] CDAC> db.LIBRARY.updateOne({author:'Sameer'},{$set:{author:'Sameer Deharai'}})

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

Atlas atlas-uvzqxe-shard-0 [primary] CDAC> db.LIBRARY.find().pretty()

[

{

\_id: ObjectId("625f87c4f965e06c42406c61"),

title: 'Mongodb programming',

author: 'Sameer Deharai',

likes: 100

}

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

Atlas atlas-uvzqxe-shard-0 [primary] CDAC> db.LIBRARY.deleteMany({likes:100})

{ acknowledged: true, deletedCount: 1 }

Atlas atlas-uvzqxe-shard-0 [primary] CDAC> db.LIBRARY.find().pretty()

[

{

\_id: ObjectId("625f88cbf965e06c42406c62"),

title: 'MySQL',

author: [ 'Sameer', 'Jill' ],

likes: 200

},

{

\_id: ObjectId("625f890df965e06c42406c63"),

title: 'MySQL',

author: [ 'Jack', 'Jill' ],

likes: 200

}

]

1. **Drop the LIBRARY collection**

Atlas atlas-uvzqxe-shard-0 [primary] CDAC> db.LIBRARY.drop()

true

Atlas atlas-uvzqxe-shard-0 [primary] CDAC> show tables

DBDA

1. **Drop the CDAC database**

Atlas atlas-uvzqxe-shard-0 [primary] CDAC> db.dropDatabase()

{ ok: 1, dropped: 'CDAC' }

1. **Exit from MongoDB shell**

Atlas atlas-uvzqxe-shard-0 [primary] CDAC> exit

C:\Users\Malkeet>

**21. Stop MongoDB server**

OK done