Q7 Create a new database named CDAC and connect to it

Atlas atlas-5cmyvp-shard-0 [primary] myFirstDatabase> use CDAC

switched to db CDAC

Atlas atlas-5cmyvp-shard-0 [primary] CDAC>

Q8 8. View list of available collections in CDAC database

Atlas atlas-5cmyvp-shard-0 [primary] CDAC> db.createCollection('New')

{ ok: 1 }

Atlas atlas-5cmyvp-shard-0 [primary] CDAC> show tables

New

Atlas atlas-5cmyvp-shard-0 [primary] CDAC>

Q9 9. Create a new collection by the name of LIBRARY

Atlas atlas-5cmyvp-shard-0 [primary] CDAC> db.createCollection('LIBRARY')

{ ok: 1 }

Atlas atlas-5cmyvp-shard-0 [primary] CDAC> show tables

LIBRARY

New

Atlas atlas-5cmyvp-shard-0 [primary] CDAC>

Q10 Insert the following document in the LIBRARY collection:-

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

Atlas atlas-5cmyvp-shard-0 [primary] CDAC> db.LIBRARY.insertOne({title:'MongoDB Programing',author:'sameer',likes:100})

Q11 View the recently inserted document and note the \_id field

{

acknowledged: true,

insertedId: ObjectId("625f7e521ec2ca3a8abefc79")

}

Atlas atlas-5cmyvp-shard-0 [primary] CDAC> db.LIBRARY.find()

[

{

\_id: ObjectId("625f7e521ec2ca3a8abefc79"),

title: 'MongoDB Programing',

author: 'sameer',

likes: 100

}

]

Atlas atlas-5cmyvp-shard-0 [primary] CDAC>

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

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

Atlas atlas-5cmyvp-shard-0 [primary] CDAC> db.LIBRARY.insertOne({title:'MYSql Programing',author:'sameer,jill',likes:200})

{

acknowledged: true,

insertedId: ObjectId("625f7fcd1ec2ca3a8abefc7a")

}

13. View the inserted documents

Atlas atlas-5cmyvp-shard-0 [primary] CDAC> db.LIBRARY.find()

[

{

\_id: ObjectId("625f7e521ec2ca3a8abefc79"),

title: 'MongoDB Programing',

author: 'sameer',

likes: 100

},

{

\_id: ObjectId("625f7fcd1ec2ca3a8abefc7a"),

title: 'MYSql Programing',

author: 'sameer,jill',

likes: 200

}

]

Atlas atlas-5cmyvp-shard-0 [primary] CDAC>

14. View only the first inserted document

Atlas atlas-5cmyvp-shard-0 [primary] CDAC> db.LIBRARY.find({title:'MongoDB Programing'})

[

{

\_id: ObjectId("625f7e521ec2ca3a8abefc79"),

title: 'MongoDB Programing',

author: 'sameer',

likes: 100

}

]

Atlas atlas-5cmyvp-shard-0 [primary] CDAC>

15. View the documents using the pretty() method

15. View the documents using the pretty() method

Atlas atlas-5cmyvp-shard-0 [primary] CDAC> db.LIBRARY.find().pretty()

[

{

\_id: ObjectId("625f7e521ec2ca3a8abefc79"),

title: 'MongoDB Programing',

author: 'sameer',

likes: 100

},

{

\_id: ObjectId("625f7fcd1ec2ca3a8abefc7a"),

title: 'MYSql Programing',

author: 'sameer,jill',

likes: 200

}

]

Atlas atlas-5cmyvp-shard-0 [primary] CDAC>

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

tlas atlas-5cmyvp-shard-0 [primary] CDAC> db.LIBRARY.updateOne({author:'sameer'}, {$set:{author:'sameer dehadrai'}})

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

Atlas atlas-5cmyvp-shard-0 [primary] CDAC> db.LIBRARY.find({author:'sameer dehadrai'})

[

{

\_id: ObjectId("625f7e521ec2ca3a8abefc79"),

title: 'MongoDB Programing',

author: 'sameer dehadrai',

likes: 100,

name: 'sameer dehadrai'

}

]

Atlas atlas-5cmyvp-shard-0 [primary] CDAC>

17. Delete all documents that have 100 likes

Atlas atlas-5cmyvp-shard-0 [primary] CDAC> db.LIBRARY.find({author:'sameer dehadrai'})

[

{

\_id: ObjectId("625f7e521ec2ca3a8abefc79"),

title: 'MongoDB Programing',

author: 'sameer dehadrai',

likes: 100,

name: 'sameer dehadrai'

}

]

Atlas atlas-5cmyvp-shard-0 [primary] CDAC> db.LIBRARY.find()

[

{

\_id: ObjectId("625f7e521ec2ca3a8abefc79"),

title: 'MongoDB Programing',

author: 'sameer dehadrai',

likes: 100,

name: 'sameer dehadrai'

},

{

\_id: ObjectId("625f7fcd1ec2ca3a8abefc7a"),

title: 'MYSql Programing',

author: 'sameer,jill',

likes: 200

}

]

Atlas atlas-5cmyvp-shard-0 [primary] CDAC> db.ILBRARY.find()

{ acknowledged: true, deletedCount: 1 }

Atlas atlas-5cmyvp-shard-0 [primary] CDAC> db.LIBRARY.find()

[

{

\_id: ObjectId("625f7fcd1ec2ca3a8abefc7a"),

title: 'MYSql Programing',

author: 'sameer,jill',

likes: 200

}

]

Atlas atlas-5cmyvp-shard-0 [primary] CDAC>

18. Drop the LIBRARY collection

db.LIBRARY.drop()

atlas atlas-5cmyvp-shard-0 [primary] CDAC> show dbs

CDAC 8.19 kB

cdac\_2022 8.19 kB

myFirstDatabase 81.9 kB

admin 340 kB

local 5.86 GB

Atlas atlas-5cmyvp-shard-0 [primary] CDAC>