6. View list of available databases

> show dbs

admin 0.000GB

config 0.000GB

database1 0.000GB

dbda\_22 0.000GB

local 0.000GB

practice 0.000GB

test 0.000GB

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

use practice

switched to db practice

8. View list of available collections in CDAC database

9. Create a new collection by the name of LIBRARY

> db.createCollection('library')

{ "ok" : 1 }

>

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

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

> db.library.insertOne(title:'MongoDB programming', author:'Sameer', likes:100 })

uncaught exception: SyntaxError: missing ) after argument list :

@(shell):1:26

> show collections

library

> db.library.insertOne({title:'MongoDB programming', author:'Sameer', likes:100 })

{

"acknowledged" : true,

"insertedId" : ObjectId("625e8a1bcdf852441a31245f")

}

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

> db.library.find()

{ "\_id" : ObjectId("625e8a1bcdf852441a31245f"), "title" : "MongoDB programming", "author" : "Sameer", "likes" : 100 }

> db.library.find().pretty()

{

"\_id" : ObjectId("625e8a1bcdf852441a31245f"),

"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

> db.library.insertOne(title:'MySQL programming', authors:['Jack','Jill'], likes:200

... })

uncaught exception: SyntaxError: missing ) after argument list :

@(shell):1:26

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

{

"acknowledged" : true,

"insertedId" : ObjectId("625e8ae6cdf852441a312460")

}

13. View the inserted documents

> db.library.find().pretty()

{

"\_id" : ObjectId("625e8a1bcdf852441a31245f"),

"title" : "MongoDB programming",

"author" : "Sameer",

"likes" : 100

}

{

"\_id" : ObjectId("625e8ae6cdf852441a312460"),

"title" : "MySQL programming",

"authors" : [

"Jack",

"Jill"

],

"likes" : 200

}

14. View only the first inserted document

> db.library.find().pretty().limit(1)

{

"\_id" : ObjectId("625e8a1bcdf852441a31245f"),

"title" : "MongoDB programming",

"author" : "Sameer",

"likes" : 100

}

16. 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 }

> db.library.find().pretty().

...

... ;

uncaught exception: SyntaxError: missing name after . operator :

@(shell):3:0

> db.library.find()

{ "\_id" : ObjectId("625e8a1bcdf852441a31245f"), "title" : "MongoDB programming", "author" : "Sameer Dehadrai", "likes" : 100 }

{ "\_id" : ObjectId("625e8ae6cdf852441a312460"), "title" : "MySQL programming", "authors" : [ "Jack", "Jill" ], "likes" : 200 }

17. Delete all documents that have 100 likes

> db.library.deleteOne({"likes":100})

{ "acknowledged" : true, "deletedCount" : 1 }

> db.library.find()

{ "\_id" : ObjectId("625e8ae6cdf852441a312460"), "title" : "MySQL programming", "authors" : [ "Jack", "Jill" ], "likes" : 200 }

18. Drop the LIBRARY collection

> db.library.drop()

True

19. Drop the CDAC database

> db.DropDatabase

practice.DropDatabase

> db.DropDatabase()

uncaught exception: TypeError: db.DropDatabase is not a function :

@(shell):1:1

> db.dropDatabase()

{ "ok" : 1 }