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EXPERIMENT – 10

Student Name: LIKHIL N MAIYA

UID: 23BCS11938

Branch: BE-CSE

Section/Group: KRG_1-B

Semester: 5th

Date of Performance: 22/07/2025

Subject Name: ADBMS

Subject Code: 23CSP-333

1. AIM: MONGObd commands practice

Mongosh: to start mongo commands

```
scoob@MSI MINGW64 ~/Downloads/culex/culex (main)
$ mongosh
Current Mongosh Log ID: 691202f157ffab1730f9c3b4
Connecting to:      mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.0.0
Using MongoDB:     8.0.5
Using Mongosh:    2.0.0
mongosh 2.5.9 is available for download: https://www.mongodb.com/try/download/shell

For mongosh info see: https://docs.mongodb.com/mongodb-shell/

-----
The server generated these startup warnings when booting
2025-10-22T15:06:08.621+05:30: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted
-----
test> █
```

Show db:

```
test> show dbs
admin                  40.00 KiB
config                 72.00 KiB
culex                  40.00 KiB
culex_db                144.00 KiB
local                  84.00 KiB
synergy-world-press    32.00 KiB
test> █
```

Using culex_db



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```
test> use culex_db
switched to db culex_db
culex_db> show collections
ads
users
culex_db> █
```

Use culex_db and find all the tables of ads model

```
ads> use culex_db
switched to db culex_db
culex_db> db.ads.find()
[
  {
    _id: ObjectId("6896263103ea4a56bf1b66ec"),
    name: 'asfdgh',
    description: 'asdf',
    address: 'asdf',
    phoneNumber: 'adsf',
    userId: 'lick@gmail.com',
    createdAt: ISODate("2025-08-08T16:30:41.263Z"),
    _class: 'com.culex.culex.model.Ad'
  },
  {
    _id: ObjectId("689626d903ea4a56bf1b66ed"),
    name: 'laptop',
    description: 'old',
    address: 'nc3',
    phoneNumber: '9832172970',
    userId: 'jay@gmail.com',
    createdAt: ISODate("2025-08-08T16:33:29.505Z"),
    _class: 'com.culex.culex.model.Ad'
  }
].
```

Create one collection and insert data in it



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```
culex> show collections
users
culex> db.createCollection("advertisement")
{ ok: 1 }
culex> show dbs
admin                40.00 KiB
config              108.00 KiB
culex                48.00 KiB
culex_db             144.00 KiB
local                84.00 KiB
synergy-world-press  32.00 KiB
culex> show collections
advertisement
users
culex> db.advertisement.find()

culex> db.advertisement.insertOne({name:"laptop",price:1200})
{
  acknowledged: true,
  insertedId: ObjectId("6912086d57ffab1730f9c3b5")
}
culex> db.advertisement.find()
[
  {
    _id: ObjectId("6912086d57ffab1730f9c3b5"),
    name: 'laptop',
    price: 1200
  }
]
culex> █
```

update one value of a key and add another key value pair in advertisement model



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```
culex> db.advertisement.updateOne({name:"laptop"},{$set:{price:3000,desc:"good"})  
{  
    acknowledged: true,  
    insertedId: null,  
    matchedCount: 1,  
    modifiedCount: 1,  
    upsertedCount: 0  
}  
culex> db.advertisement.find()  
[  
  {  
    _id: ObjectId("6912086d57ffab1730f9c3b5"),  
    name: 'laptop',  
    price: 3000,  
    desc: 'good'  
  }  
]  
culex>
```