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Subject Name: ADBMS

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1. AIM: MONGODB 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/mongosh-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



Use `culex_db` and find all the tables of ads model

Create one collection and insert data in it

```
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

```
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>
```