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ROLL: 56
KBTUG: KBTUG22165
SUB: **(Lab Practice 1)** ADBMS
EXP NO: Group_C_01

Commands & Output:

it@IT-LL-13:~$ mongosh
Current Mongosh Log ID: 668e4e07d4a681b534149f47
Connecting to: mongodb://127.0.0.1:27017/?
directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.2.10
Using MongoDB: 7.0.12
Using Mongosh: 2.2.10

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

   The server generated these startup warnings when booting
   2024-07-10T13:08:34.305+05:30: Using the XFS filesystem is strongly recommended with the WiredTiger storage engine. See http://dochub.mongodb.org/core/prodnotes-filesystem
   2024-07-10T13:08:40.740+05:30: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted
   2024-07-10T13:08:40.741+05:30: vm.max_map_count is too low
------

test> show dbs
Devloper   40.00 KiB
Kushal_db   72.00 KiB
admin   40.00 KiB
config   84.00 KiB
khiladi   40.00 KiB
local   72.00 KiB
rkb   72.00 KiB
shubham   240.00 KiB
test> use Kushal_db
switched to db Kushal_db
Kushal_db> db.dropDatabase()
{ ok: 1, dropped: 'Kushal_db' }
Kushal_db> show dbs
Devloper   40.00 KiB
admin   40.00 KiB
config   84.00 KiB
khiladi   40.00 KiB
local   72.00 KiB
rkb   72.00 KiB
shubham   240.00 KiB
Kushal_db> use Kushal_Game_Store_db
switched to db Kushal_Game_Store_db
Kushal_Game_Store_db> // Create a collection

```
Kushal_Game_Store_db> db.createCollection("games")
{ ok: 1 }
Kushal_Game_Store_db>

Kushal_Game_Store_db> // Insert documents into the collection

Kushal_Game_Store_db> db.games.insertMany([
...   {
...     _id: ObjectId('668e3eed22b60c85b6149f48'),
...     Name: 'Counter Strike 2',
...     Type: 'Multiplayer FPS Tactical Shooter',
...     Platform: 'Steam',
...     Rating: '8'
...   },
...   {
...     _id: ObjectId('668e416022b60c85b6149f49'),
...     Name: 'BeamNG.Drive',
...     Type: 'Very realistic soft body vehicle simulator',
...     Platform: 'Steam',
...     Rating: '8'
...   }
... ])
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('668e3eed22b60c85b6149f48'),
    '1': ObjectId('668e416022b60c85b6149f49')
  }
}
Kushal_Game_Store_db> // Find all documents in the collection

Kushal_Game_Store_db> db.games.find()
[
  {
    _id: ObjectId('668e3eed22b60c85b6149f48'),
    Name: 'Counter Strike 2',
    Type: 'Multiplayer FPS Tactical Shooter',
    Platform: 'Steam',
    Rating: '8'
  },
  {
    _id: ObjectId('668e416022b60c85b6149f49'),
    Name: 'BeamNG.Drive',
    Type: 'Very realistic soft body vehicle simulator',
    Platform: 'Steam',
    Rating: '8'
  }
]
Kushal_Game_Store_db>

Kushal_Game_Store_db> // Pretty-print the output
```

```
Kushal_Game_Store_db> db.games.find().pretty()
[
  {
    _id: ObjectId('668e3eed22b60c85b6149f48'),
    Name: 'Counter Strike 2',
    Type: 'Multiplayer FPS Tactical Shooter',
    Platform: 'Steam',
    Rating: '8'
  },
  {
    _id: ObjectId('668e416022b60c85b6149f49'),
    Name: 'BeamNG.Drive',
    Type: 'Very realistic soft body vehicle simulator',
    Platform: 'Steam',
    Rating: '8'
  }
]
Kushal_Game_Store_db> // Remove documents from the collection

Kushal_Game_Store_db> db.games.remove({ Name: 'BeamNG.Drive' })
DeprecationWarning: Collection.remove() is deprecated. Use deleteOne, deleteMany,
findOneAndDelete, or bulkWrite.
{ acknowledged: true, deletedCount: 1 }
Kushal_Game_Store_db> db.games.find()
[
  {
    _id: ObjectId('668e3eed22b60c85b6149f48'),
    Name: 'Counter Strike 2',
    Type: 'Multiplayer FPS Tactical Shooter',
    Platform: 'Steam',
    Rating: '8'
  }
]
Kushal_Game_Store_db> // Update documents in the collection

Kushal_Game_Store_db> db.games.update(
...   { Name: 'Counter Strike 2' },
...   { $set: { Rating: '9' } }
... )
DeprecationWarning: Collection.update() is deprecated. Use updateOne, updateMany, or bulkWrite.
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Kushal_Game_Store_db> db.games.find()
[
  {
    _id: ObjectId('668e3eed22b60c85b6149f48'),
    Name: 'Counter Strike 2',
```

```
    Type: 'Multiplayer FPS Tactical Shooter',
    Platform: 'Steam',
    Rating: '9'
  }
]
Kushal_Game_Store_db> db.createCollection("temporary")
{ ok: 1 }
Kushal_Game_Store_db> db.temporary.drop()
true
Kushal_Game_Store_db> quit()
```