

Practical – 14

GitHub Link: <https://github.com/Devsharma511/NodeJs.git>

Task:

Implement DDL, DCL and DML languages in Mongo DB.

Project Structure:

Playground-1.mongodb.js:

```
JS playground-1.mongodb.js X
JS playground-1.mongodb.js > ...
// Connect | Generate query with MongoDB Copilot
1 // ----- DDL Command -----
2 use("universityDB");
3 db.createCollection("students");
4
5
6 // ----- DML Command -----
7 db.students.deleteMany({});
8
9 db.students.insertMany([
10   { name: "Aman", age: 20, major: "Physics" },
11   { name: "Sara", age: 21, major: "Chemistry" }
12 ]);
13
14 db.students.updateOne(
15   { name: "Aman" },
16   { $set: { age: 22 } }
17 );
18
19 db.students.find();
20
21
22 // ----- DCL Command -----
23 use("admin");
24
25 db.dropUser("FacultyAdmin");
26
27 db.createUser({
28   user: "FacultyAdmin",
29   pwd: "secure123",
30   roles: [{ role: "readWrite", db: "universityDB" }]
31 });
32
```

Output:

```
{ } Playground Result X ...
1  [
2    {
3      "_id": {
4        "$oid": "6904af2ef783b7ef0a8fad11"
5      },
6      "name": "Aman",
7      "age": 22,
8      "major": "Physics"
9    },
10   {
11     "_id": {
12       "$oid": "6904af2ef783b7ef0a8fad12"
13     },
14     "name": "Sara",
15     "age": 21,
16     "major": "Chemistry"
17   }
18 ]
```

```
{ } Playground Result X
1  {
2    "ok": 1
3  }
```