package connection;

import com.mongodb.client.MongoClient;

import com.mongodb.client.MongoClients;

import com.mongodb.client.MongoCollection;

import com.mongodb.client.MongoDatabase;

import com.mongodb.client.MongoIterable;

import org.bson.Document;

public class MongoDBConnection {

public static void main(String[] args) {

// Connect to MongoDB

MongoClient mongoClient = MongoClients.*create*("mongodb://localhost:27017");

// Access a database

MongoDatabase database = mongoClient.getDatabase("mydatabase");

// Create a collection

database.createCollection("employee");

// Access collection and insert a document

MongoCollection<Document> collection = database.getCollection("employee");

Document doc = new Document("name", "John Doe")

.append("department", "IT")

.append("salary", 50000);

collection.insertOne(doc);

// Print all databases

MongoIterable<String> dbs = mongoClient.listDatabaseNames();

for (String dbName : dbs) {

System.***out***.println(dbName);

}

}

}

Jun 13, 2025 5:41:57 PM com.mongodb.internal.diagnostics.logging.Loggers shouldUseSLF4J

WARNING: SLF4J not found on the classpath. Logging is disabled for the 'org.mongodb.driver' component

CoffeeShop

admin

config

local

mydatabase

test

vit

package connection;

import java.util.ArrayList;

import java.util.List;

import org.bson.Document;

import com.mongodb.client.MongoClient;

import com.mongodb.client.MongoClients;

import com.mongodb.client.MongoCollection;

import com.mongodb.client.MongoDatabase;

public class MongoDBConnection {

public static void main(String[] args) {

// Connect to MongoDB

MongoClient mongoClient = MongoClients.*create*("mongodb://localhost:27017");

// Access database

MongoDatabase database = mongoClient.getDatabase("myDb");

// Access collection

MongoCollection<Document> collection = database.getCollection("sampleCollection");

// Insert one document

Document document = new Document("First\_Name", "Mahesh")

.append("Last\_Name", "Parashar")

.append("Date\_Of\_Birth", "1990-08-21")

.append("e\_mail", "mahesh\_parashar.123@gmail.com")

.append("phone", "9034343345");

collection.insertOne(document);

// Insert multiple documents

List<Document> documents = new ArrayList<>();

documents.add(new Document("First\_Name", "Radhika")

.append("Last\_Name", "Sharma")

.append("Date\_Of\_Birth", "1995-09-26")

.append("e\_mail", "radhika\_sharma.123@gmail.com")

.append("phone", "9000012345"));

documents.add(new Document("First\_Name", "Rachel")

.append("Last\_Name", "Christopher")

.append("Date\_Of\_Birth", "1990-02-16")

.append("e\_mail", "Rachel\_Christopher.123@gmail.com")

.append("phone", "9000054321"));

documents.add(new Document("First\_Name", "Fathima")

.append("Last\_Name", "Sheik")

.append("Date\_Of\_Birth", "1990-02-16")

.append("e\_mail", "Fathima\_Sheik.123@gmail.com")

.append("phone", "9000054321"));

collection.insertMany(documents);

System.***out***.println("Documents inserted.");

}

}

Documents inserted and updated.

In mongodb :

**\_id**

:

ObjectId('684c19c4911f1e0cd5f6bbf2')

**First\_Name**

:

"Rachel"

**Last\_Name**

:

"Christopher"

**Date\_Of\_Birth**

:

"1990-02-16"

**e\_mail**

:

"Rachel\_Christopher.123@gmail.com"

**phone**

:

"9000054321"

**\_id**

:

ObjectId('684c19c4911f1e0cd5f6bbf3')

**First\_Name**

:

"Fathima"

**Last\_Name**

:

"Sheik"

**Date\_Of\_Birth**

:

"1990-02-16"

**e\_mail**

:

"Fathima\_Sheik.123@gmail.com"

**phone**

:

"9000054321"

**\_id**

:

ObjectId('684c1be7af97da6f5ecb410a')

**First\_Name**

:

"Mahesh"

**Last\_Name**

:

"Babu"

**Date\_Of\_Birth**

:

"1990-08-21"

**e\_mail**

:

"maheshparashar@gmail.com"

**phone**

:

"9034343345"

**\_id**

:

ObjectId('684c1be7af97da6f5ecb410b')

**First\_Name**

:

"Radhika"

**Last\_Name**

:

"Sharma"

**Date\_Of\_Birth**

:

"1995-09-26"

**e\_mail**

:

"radhika\_sharma.123@gmail.com"

**phone**

:

"9000012345"

**\_id**

:

ObjectId('684c1be7af97da6f5ecb410c')

**First\_Name**

:

"Rachel"

**Last\_Name**

:

"Christopher"

**Date\_Of\_Birth**

:

"1990-02-16"

**e\_mail**

:

"Rachel\_Christopher.123@gmail.com"

**phone**

:

"9000054321"

**\_id**

:

ObjectId('684c1be7af97da6f5ecb410d')

**First\_Name**

:

"Fathima"

**Last\_Name**

:

"Sheik"

**Date\_Of\_Birth**

:

"1990-02-16"