package connection;

import org.bson.Document;

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;

public class MongoDBConnection {

public static void main(String[] args) {

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

MongoIterable<String> loop1 = mongoClient.listDatabaseNames();

for (String name : loop1) {

System.out.println(name);

}

}

}

package connection;

import org.bson.Document;

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;

public class MongoDBConnection {

public static void main(String[] args) {

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

MongoDatabase database = mongoClient.getDatabase("monday123");

database.createCollection("employeeRecord");

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

Document document = new Document ("title","MongoDB");

collection.insertOne(document);

MongoIterable<String> loop1 = mongoClient.listDatabaseNames();

for (String name : loop1) {

System.out.println(name);

}

}

}

public class MongoDBConnection {

public static void main(String[] args) {

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

MongoDatabase database = mongoClient.getDatabase("monday123");

database.createCollection("employeeRecord");

database.drop();

System.out.println("Database dropped.");

MongoIterable<String> loop1 = mongoClient.listDatabaseNames();

for (String name : loop1) {

System.out.println(name);

}

}

}

import com.mongodb.client.MongoClients;

import com.mongodb.client.MongoClient;

import com.mongodb.client.MongoDatabase;

public class Tester {

public static void main(String[] args) {

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

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

database.createCollection("sampleCollection");

System.out.println("Collection created.");

}

}

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 Tester {

public static void main(String[] args) {

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

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

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

collection.drop();

System.out.println("Collection dropped.");

}

}

import com.mongodb.client.MongoClient;

import com.mongodb.client.MongoClients;

import com.mongodb.client.MongoDatabase;

import com.mongodb.client.MongoIterable;

public class Tester {

public static void main(String[] args) {

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

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

database.createCollection("sampleCollection");

MongoIterable<String> collections = database.listCollectionNames();

for (String name : collections) {

System.out.println(name);

}

}

}

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 Tester {

public static void main(String[] args) {

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

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

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

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);

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.");

}

}

import com.mongodb.client.FindIterable;

import com.mongodb.client.MongoClient;

import com.mongodb.client.MongoClients;

import com.mongodb.client.MongoCollection;

import com.mongodb.client.MongoDatabase;

import com.mongodb.client.model.Filters;

import org.bson.Document;

public class Tester {

public static void main(String[] args) {

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

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

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

FindIterable<Document> allDocuments = collection.find();

for (Document document : allDocuments) {

System.out.println(document);

}

System.out.println("\*\*\*Selected Document\*\*\*");

FindIterable<Document> documents = collection.find(Filters.eq("Name", "Aarav"));

for (Document document : documents) {

System.out.println(document);

}

}

}

import com.mongodb.client.FindIterable;

import com.mongodb.client.MongoClient;

import com.mongodb.client.MongoClients;

import com.mongodb.client.MongoCollection;

import com.mongodb.client.MongoDatabase;

import com.mongodb.client.model.Filters;

import com.mongodb.client.model.Updates;

import org.bson.Document;

public class Tester {

public static void main(String[] args) {

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

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

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

collection.updateOne(Filters.eq("Name", "Aarav"),

Updates.set("email", "aarav123@school.edu"));

System.out.println("Document Updated.");

System.out.println("\*\*\*Updated Document\*\*\*");

FindIterable<Document> documents = collection.find(Filters.eq("Name", "Aarav"));

for (Document document : documents) {

System.out.println(document);

}

}

}

updateMany() and updateOne()

import com.mongodb.client.\*;

import com.mongodb.client.model.Filters;

import com.mongodb.client.model.Updates;

import org.bson.Document;

import java.util.Arrays;

public class Tester {

public static void main(String[] args) {

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

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

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

Document s1 = new Document("Name", "Aarav").append("Grade", "10").append("email", "a1@old.com");

Document s2 = new Document("Name", "Divya").append("Grade", "10").append("email", "d1@old.com");

Document s3 = new Document("Name", "Rahul").append("Grade", "9").append("email", "r1@old.com");

collection.insertMany(Arrays.asList(s1, s2, s3));

System.out.println("Documents Inserted.");

collection.updateMany(Filters.eq("Grade", "10"),

Updates.set("email", "updated@school.edu"));

System.out.println("Documents Updated.");

FindIterable<Document> documents = collection.find(Filters.eq("Grade", "10"));

for (Document doc : documents) {

System.out.println(doc.toJson());

}

}

}