1)

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) {

// Creating a Mongo client

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

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

for (String name : loop1) {

System.out.println(name);

}

}

}

2)  
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) {

// Creating a Mongo client

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

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

database.createCollection("employeeRecord");

// Retrieving a collection

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

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

//Inserting document into the collection

collection.insertOne(document);

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

for (String name : loop1) {

System.out.println(name);

}

}

}

3)  
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) {

// Creating a Mongo client

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

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

// Get the collection

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.");

}

}

4)

// update many

collection.updateMany(Filters.eq("First\_Name","Mahesh"),

Updates.combine(

Updates.set("e\_mail", "maheshparashar@gmail.com"),

Updates.set("Last\_Name", "Babu")));

5) collection.updateMany(Filters.eq("First\_Name","Mahesh"),

Updates.combine(

Updates.set("e\_mail", "maheshbabu@gmail.com"),

Updates.set("Last\_Name", "Babu")));