**public** **class** MongoDB {

**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);

}

}

}

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);

}

}

}

**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** insertDocument {

**public** **static** **void** main(String[] args) {

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.");

}

}

**package** connection;

**import** org.bson.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;

**public** **class** scannertest {

**public** **static** **void** main(String[] args) {

// Creating a Mongo client

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

// Connecting to the database

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

// Getting the collection

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

// Updating a document where First\_Name is "Mahesh"

collection.updateOne(

Filters.*eq*("First\_Name", "Mahesh"),

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

);

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

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

// Retrieving the updated document

FindIterable<Document> documents = collection.find(Filters.*eq*("First\_Name", "Mahesh"));

**for** (Document document : documents) {

System.***out***.println(document.toJson());

}

// Closing the client

mongoClient.close();

}

}