package Connection;

import org.bson.Document;

import java.util.ArrayList;

import java.util.List;

import java.util.\*;

import com.mongodb.client.FindIterable;

import com.mongodb.client.model.Filters;

import com.mongodb.client.model.Updates;

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 MongoDB {

public static void main(String[] args) {

// Creating a Mongo client

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

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

// database.createCollection("employeeRecord");

// System.out.println("collection created");

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

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

// collection.insertOne(document);

// collection.drop();

// System.out.println("Collection Dropped");

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

// for (String name : loop1) {

// System.out.println(name);

// }

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

for(String name: collections)

{

System.out.println(name);

}

//

// Document document = new Document("First\_Name", "Ramesh")

// .append("Last\_Name", "Pandey")

// .append("Date\_Of\_Birth", "1991-06-01")

// .append("e\_mail", "Ramesh\_pandey.123@gmail.com")

// .append("phone", "9124567805");

//

// collection.insertOne(document);

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

//

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

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

// .append("Date\_Of\_Birth", "1994-05-26")

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

// .append("phone", "9876512345"));

//

// 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.");

// Find all documents

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

// Updates.set("e\_mail", "Ramesh pandey@gmail.com"));

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

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

//

// update many

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

Updates.combine(

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

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

// 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("First\_Name","Ramesh"));

for(Document document : Documents)

{

System.out.println(document);

}

//

}

}