

```

<dependencies>

  <!-- MongoDB Java Driver -->

  <dependency>

    <groupId>org.mongodb</groupId>

    <artifactId>mongodb-driver-sync</artifactId>

    <version>4.9.1</version> <!-- You can use the latest version available -->

  </dependency>

</dependencies>

```

```

import com.mongodb.MongoClient;
import com.mongodb.MongoClientURI;
import com.mongodb.client.MongoCollection;
import com.mongodb.client.MongoDatabase;
import org.bson.Document;

import static com.mongodb.client.model.Filters.eq;
import static com.mongodb.client.model.Updates.set;
import com.mongodb.client.result.UpdateResult;
import com.mongodb.client.result.DeleteResult;

public class MongoDBOperations {
    public static void main(String[] args) {
        MongoClientURI uri = new MongoClientURI("mongodb://localhost:27017");
        MongoClient mongoClient = new MongoClient(uri);
        MongoDatabase database = mongoClient.getDatabase("mydb");
        MongoCollection<Document> collection = database.getCollection("mycollection");

        System.out.println("Inserting a new document...");
        Document newDoc = new Document("name", "John Doe")
            .append("age", 29)
            .append("city", "New York");
        collection.insertOne(newDoc);
    }
}

```

```

System.out.println("Document Inserted: " + newDoc.toJson());

System.out.println("\nReading documents from collection...");

for (Document doc : collection.find()) {
    System.out.println(doc.toJson());
}

System.out.println("\nUpdating document...");

UpdateResult updateResult = collection.updateOne(eq("name", "John Doe"), set("city", "Los Angeles"));

System.out.println("Matched count: " + updateResult.getMatchedCount());
System.out.println("Modified count: " + updateResult.getModifiedCount());

System.out.println("\nDeleting document...");

DeleteResult deleteResult = collection.deleteOne(eq("name", "John Doe"));

System.out.println("Deleted count: " + deleteResult.getDeletedCount());

    mongoClient.close();
}
}

```

Output:-

Inserting a new document...

Document Inserted: {"name": "John Doe", "age": 29, "city": "New York"}

Reading documents from collection...

{"_id": {"\$oid": "60d5e5e4aab79e00607b924a"}, "name": "John Doe", "age": 29, "city": "New York"}

Updating document...

Matched count: 1

Modified count: 1

Deleting document...

Deleted count: 1