

## Mongodb Introduction Project

### Task 1: Play with Different Basic Operation in MongoDB (20 points)

#### 1. Create a Database:

```
[> db.dropDatabase()
{ "dropped" : "Glory_Database", "ok" : 1 }
>
```

#### 2. Drop a Database:

```
[> db.dropDatabase()
{ "dropped" : "Glory_Database", "ok" : 1 }
>
```

#### 3. Creating a Collection:

```
> db.createCollection("collection")
{ "ok" : 1 }
>
```

#### 4. Dropping a Collection:

```
> db.collection.drop()
true
>
```

#### 5. Insert a Document:

```
[> db.collection.insert({title:"Glory"},{age:21})
WriteResult({ "nInserted" : 1 })
[> db.collection.find().pretty()
{ "_id" : ObjectId("5bfc5fc876d508a6db6ea091"), "title" : "Glory" }
[> db.collection.find()
{ "_id" : ObjectId("5bfc5fc876d508a6db6ea091"), "title" : "Glory" }
[> db.collection.insert({age:21})
WriteResult({ "nInserted" : 1 })
[> db.collection.find().pretty()
{ "_id" : ObjectId("5bfc5fc876d508a6db6ea091"), "title" : "Glory" }
{ "_id" : ObjectId("5bfc602776d508a6db6ea092"), "age" : 21 }
[> db.collection.find().pretty()
{ "_id" : ObjectId("5bfc5fc876d508a6db6ea091"), "title" : "Glory" }
{ "_id" : ObjectId("5bfc602776d508a6db6ea092"), "age" : 21 }
[> db.collection.update({"title":"Glory"},{$set:"title":"Kinanee"})
```

## 6. Query a Document :

```
[> db.collection.find().pretty()
{ "_id" : ObjectId("5bfc5fc876d508a6db6ea091"), "title" : "Glory" }
{ "_id" : ObjectId("5bfc602776d508a6db6ea092"), "age" : 21 }
>
```

## 7. Update a Document:

```
> db.collection.update({"title":"Glory"},{$set:{"title":"Kinanee"}})
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.collection.find().pretty()
{ "_id" : ObjectId("5bfc5fc876d508a6db6ea091"), "title" : "Kinanee" }
{ "_id" : ObjectId("5bfc602776d508a6db6ea092"), "age" : 21 }
>
```

## 8. Delete Document:

```
[> db.collection.remove({"title":"Kinanee"},1)
WriteResult({ "nRemoved" : 1 })
[> db.collection.find().pretty()
{ "_id" : ObjectId("5bfc602776d508a6db6ea092"), "age" : 21 }
>
```