Database and Collection Operations:

1. **Create a Database**:

To create a database, use the **use** command followed by the name of the database. For example:

use mydatabase

2. **Create a Collection**:

- Collections are created automatically when you insert data into them. You can also explicitly create a collection using the **db.createCollection()** method. For example:

db.createCollection("mycollection")

3. **Insert Documents**:

- To insert documents into a collection, use the **insertOne()** or **insertMany()** methods. For example:

db.mycollection.insertOne({ name: "John", age: 30 })

4. **Query Documents**:

- Use the **find()** method to query documents in a collection. For example:

db.mycollection.find()

5. **Update Documents**:

- To update documents, use the **updateOne()** or **updateMany()** methods. For example:

db.mycollection.updateOne({ name: "John" }, { $set: { age: 35 } })

6. **Delete Documents**:

- To delete documents, use the **deleteOne()** or **deleteMany()** methods. For example:

db.mycollection.deleteOne({ name: "John" })

7. **Drop a Collection**:

- To drop (delete) a collection, use the **drop()** method. For example:

db.mycollection.drop()

8. **Drop a Database**:

- To drop (delete) a database, use the **dropDatabase()** method. Be cautious, as this operation deletes the entire database and all its collections. For example:

db.dropDatabase()