const { MongoClient } = require('mongodb');

// Replace the connection string with your MongoDB Atlas connection string

const uri = 'mongodb+srv://<username>:<password>@<cluster>.mongodb.net/<database>?retryWrites=true&w=majority';

async function run() {

const client = new MongoClient(uri, { useNewUrlParser: true, useUnifiedTopology: true });

try {

await client.connect();

console.log('Connected to MongoDB');

const database = client.db('yourDatabaseName');

const collection = database.collection('yourCollectionName');

// Create

const documentToInsert = { name: 'John Doe', age: 25 };

const insertResult = await collection.insertOne(documentToInsert);

console.log('Inserted document:', insertResult.ops[0]);

// Read

const documents = await collection.find({ name: 'John Doe' }).toArray();

console.log('Read documents:', documents);

// Update

const updateResult = await collection.updateOne({ name: 'John Doe' }, { $set: { age: 26 } });

console.log('Updated document count:', updateResult.modifiedCount);

// Read Updated Document

const updatedDocument = await collection.findOne({ name: 'John Doe' });

console.log('Updated Document:', updatedDocument);

// Delete

const deleteResult = await collection.deleteOne({ name: 'John Doe' });

console.log('Deleted document count:', deleteResult.deletedCount);

} finally {

await client.close();

console.log('Connection closed');

}

}

run().catch(console.error);