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Due Date: Apr 1, 2023
Github Repo Link: https://github.com/Parsonswlu/parsonswlu.github.io/tree/main/CCPS530_Lab7

CCPS 530 - Web Systems Development - Lab 7

Screenshot of NodeJS code

CCPS530_Lab7 > JS lab7.js > run > docs

```
const { MongoClient } = require("mongodb");
// Replace the uri string with your connection string.
const uri = "mongodb+srv://andrewparsons_tmu:cGVyto6BvhpNmJQn@tmucluster2.ipti0ek.mongodb.net/?retryWrites=true&w=majority";

const client = new MongoClient(uri);
async function run() {
  try {
    const db = client.db('ccps530_lab7');
    const coll = db.collection('books');
    // Query
    const docs = [{
        title: "Deep Learning for Coders with fastai & PyTorch: AI Applications Without a PhD",
        author: "Jeremy Howard & Sylvain Gugger",
        publisher: "O'Reilly Media, Inc.",
        date: "2021-11-05",
        website: "https://course.fast.ai/Resources/book.html" },
        { title: "Quantum Computation and Quantum Information: 10th Anniversity Edition",
        author: "Michael A. Nielsen and Isaac L. Chuang",
        publisher: "Cambridge University Press",
        date: "2011-01-30",
        website: "https://www.cambridge.org/highereducation/books/quantum-computation-and-quantum-information/01E10196D0A682A6AEFFEA52D
        { title: "Spatial Computing",
        author: "Shashi Shekhar and Pamela Vold",
        publisher: "The MIT Press",
        date: "2020-02-18",
        website: "https://mitpress.mit.edu/9780262538046/spatial-computing/" },
        { title: "Machine Learning Engineering",
        author: "Andriy Burkov",
        publisher: "True Positive Inc.",
        date: "2020-09-08",
        website: "http://www.mlebook.com/wiki/doku.php" },
        { title: "Principles of Computer Architecture",
        author: "Miles J. Murdocca, Vincent P. Heuring",
        publisher: "Prentice-Hall",
        date: "1999-11-29",
        website: "https://academicos.azc.uam.mx/oan/lac/Murdocca_en.pdf" }
    ];

    const query = await coll.insertMany(docs);
    console.log('Multiple document inserted');
  } finally {
    // Ensures that the client will close when you finish/error
    await client.close();
  }
}
run().catch(console.dir);
```

Screenshot of Terminal Commands

```
→  ccps530_lab7 git:(main) ✗ ls
lab7.js
→  ccps530_lab7 git:(main) ✗ nodemon lab7.js
[nodemon] 2.0.20
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,json
[nodemon] starting `node lab7.js`
Multiple document inserted
[nodemon] clean exit - waiting for changes before restart
^C%
→  ccps530_lab7 git:(main) ✗
```

Screenshot of MongoDB UI