Activity Title: Create a "Hello World" Server in Node.js

Objective: Learn how to set up a basic web server using Node.js that responds with "Hello World!"
Estimated Time: 10–15 minutes

📑 Step-by-Step Instructions

✅ Step 1: Set up Node.js

1. Make sure Node.js is installed.
2. Open your terminal and check the version:

```
node -v
```

✅ Step 2: Create a New Project Folder

1. In your terminal:

```
mkdir hello-node

cd hello-node
```

✅ Step 3: Create the JavaScript File

1. Create a file named `app.js`:
2. Open it in VS Code.

✅ Step 4: Add the Hello World Server Code

Write the following in `app.js`:

```
// make use of the http module

const http = require('http');

// configure HTTP server to respond with simple message to all requests

const server = http.createServer(function (request, response) {

        response.writeHead(200, {"Content-Type": "text/plain"});

        response.write("Hello this is our first node.js application");

        response.end();

});
```

✅ Step 5: Run the Server

In the terminal:

node app.js

You should see:

Server running at http://localhost:3000/

✅ Step 6: View in Browser

Open your browser and go to http://localhost:3000

You should see: Hello World