**Create server.js**

**Step 1: Add imports and setup**

**Code:**

const express = require('express');

const fs = require('fs');

const path = require('path');

**Explanation:**

express: Framework for building the server.

fs: Node.js File System module to read/write files.

path: Helps with file paths in a cross-platform way.

**Code:**

const app = express();

const PORT = 3000;

**Explanation:**

app: The Express application instance.

PORT: The port number to run your local server on.

**Step 2: Add middleware**

**Code:**

app.use(express.json());

app.use(express.static(path.join(\_\_dirname, 'public')));

**Explanation:**

express.json(): Parses incoming JSON data in POST requests.

express.static(...): Serves static files (HTML, CSS, JS) from the public/ folder.

**Step 3: Set page routes**

**Code:**

app.get('/', (req, res) => {

res.sendFile(path.join(\_\_dirname, 'public', 'index.html'));

});

**Explanation:**

Sends the home page when you visit /

Repeat for:

/contact → contact.html

/frameworks → frameworks.html

/quiz → quiz.html

/admin → admin.html

**Step 4: Quiz API**

**Code:**

app.get('/api/quiz', (req, res) => {

// Reads the quiz.json file and sends it as JSON

});

app.post('/api/quiz', (req, res) => {

// Saves incoming quiz data to quiz.json

});

**Explanation:**

This allows dynamic fetching and saving of quiz questions from the frontend.

Current version (console only):

**Code:**

app.post('/submit-contact', (req, res) => {

console.log('Contact submission:', req.body);

res.send('Form submitted successfully!');

});

**Explanation:**

Just logs the contact form submission. Easy for testing!

**Step 5: Add fallback for 404 errors**

**Code:**

app.use((req, res) => {

res.status(404).send('Page not found');

});

**Explanation:**

Catches any route that wasn't matched earlier.

**Step 6: Start the Server**

**Code:**

app.listen(PORT, () => {

console.log(`Server running at http://localhost:${PORT}`);

});

**Explanation:**

Starts the server and logs the address to your terminal.