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# Practical 3a :- Create a Node.JS Application which serves a static website.

**index.js**

// index.js

const express = require("express");

const app = express();

const PORT = 3000;

// Serve static files from 'public' folder

app.use(express.static("public"));

// Start the server

app.listen(PORT, () => {

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

});

**public/index.html**

<!-- public/index.html -->

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>Static Website</title>

<link rel="stylesheet" href="style.css" />

</head>

<body>

<h1>Hello from Node.js Static Website!</h1>

<button onclick="showMessage()">Click Me</button>

<script src="script.js"></script>

</body>

</html>

**public/script.js**

// public/script.js

function showMessage() {

alert("You clicked the button!");

}

**public/style.css**

/\* public/style.css \*/

body {

font-family: Arial, sans-serif;

text-align: center;

padding: 50px;

background-color: #f0f0f0;

}

**How to start**

Open cmd in your project folder

type - > node index.js

this will give you local host site

run in your browser

**Command Prompt**

Microsoft Windows [Version 10.0.19045.5608]

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C:\Users\sspag\Desktop\Practicals\6th sem\WAD Practicals\Assignment\Practical 3A\static-website-node>npm init -y

Wrote to C:\Users\sspag\Desktop\Practicals\6th sem\WAD Practicals\Assignment\Practical 3A\static-website-node\package.json:

{

"name": "static-website-node",

"version": "1.0.0",

"main": "index.js",

"scripts": {

"test": "echo \"Error: no test specified\" && exit 1"

},

"keywords": [],

"author": "",

"license": "ISC",

"description": ""

}

C:\Users\sspag\Desktop\Practicals\6th sem\WAD Practicals\Assignment\Practical 3A\static-website-node>npm install express

added 66 packages, and audited 67 packages in 9s

14 packages are looking for funding

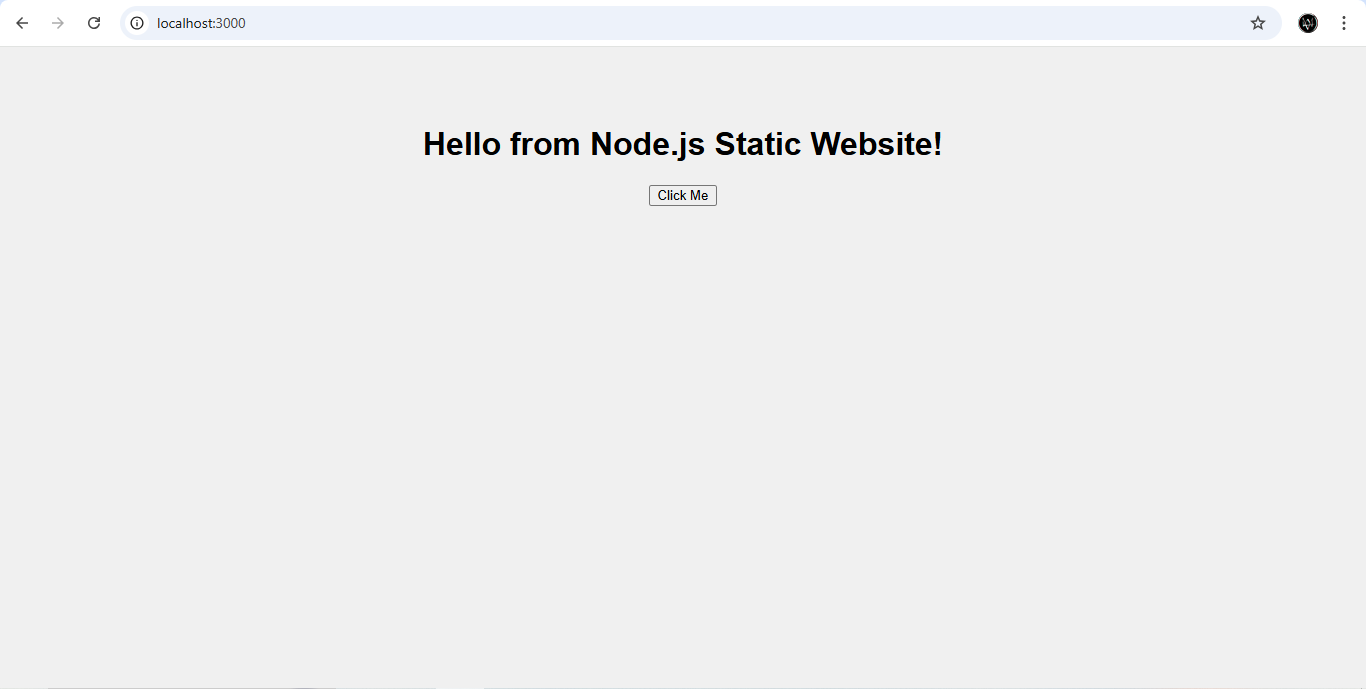
run `npm fund` for details

found 0 vulnerabilities

C:\Users\sspag\Desktop\Practicals\6th sem\WAD Practicals\Assignment\Practical 3A\static-website-node>node index.js

Server running at http://localhost:3000

**Output :-**

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