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# Class :- TE(IT)

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

**server.js**

const express = require('express');

const path = require('path');

const app = express();

const PORT = process.env.PORT || 3000;

*// Serve static files from the 'public' directory*

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

*// Default route*

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

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

});

*// Start the server*

app.listen(PORT, () => {

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

});

**public/index.html**

<!DOCTYPE *html*>

<html *lang*="en">

<head>

  <meta *charset*="UTF-8">

  <meta *name*="viewport" *content*="width=device-width, initial-scale=1">

  <title>Static Website</title>

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

</head>

<body>

  <h1>Hello from Static Website!</h1>

  <p>This site is served by a Node.js server using Express.</p>

  <script *src*="script.js"></script>

</body>

</html>

**public/style.css**

/\* public/style.css \*/

body {

  font-family: Arial, sans-serif;

  background-color: #f4f4f4;

  text-align: center;

  padding: 50px;

}

**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**

PS C:\Users\Aryan Lokhande\Desktop\React\WAD Practical> npm init

{

  "name": "static-website",

  "version": "1.0.0",

  "description": "Node.js app serving static website",

  "main": "server.js",

  "scripts": {

    "start": "node server.js"

  },

  "dependencies": {

    "express": "^4.18.2"

  }

}

PS C:\Users\Aryan Lokhande\Desktop\React\WAD Practical> npm i

added 69 packages, and audited 70 packages in 4s

14 packages are looking for funding

run `npm fund` for details

found 0 vulnerabilities

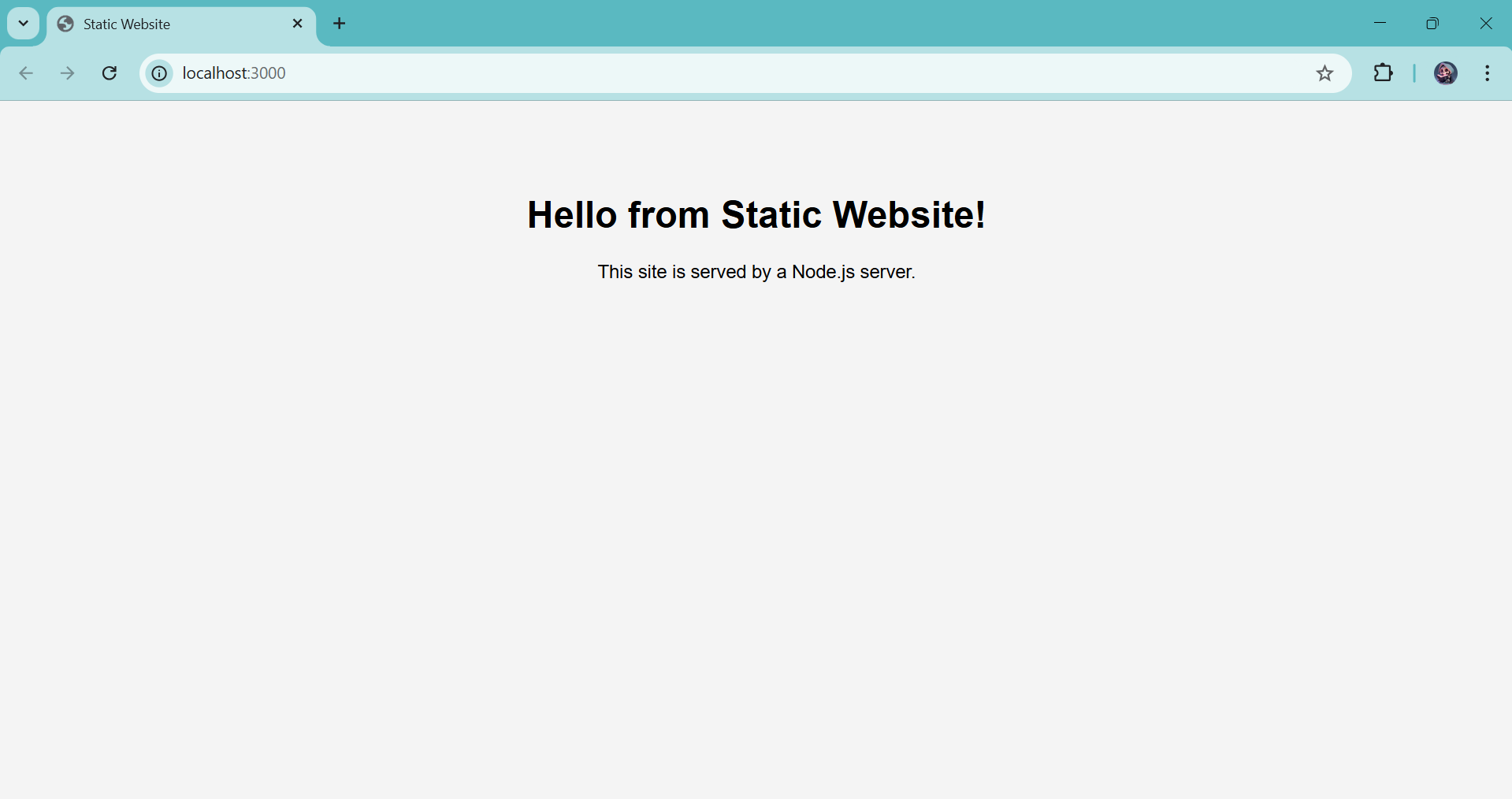
PS C:\Users\Aryan Lokhande\Desktop\React\WAD Practical> npm start

> static-website@1.0.0 start

> node server.js

Server is running at http://localhost:3000

**Output :-**

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