**Index.html**

**<!DOCTYPE html>**

**<html lang="en">;**

**<head>**

**<meta charset="UTF-8">**

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

**<title>NodeJS - Day 1 - Task - NodeJS File System</title>**

**</head>**

**<body style="background-color: black;">**

**<marquee>**

**<br>**

**<br>**

**<br>**

**<br>**

**<br>**

**<h1 style="color: red;"><b> 🌴🌴 Create an Express server 🌴🌴</b></h1> <br><br>**

**<h2 style="color: aqua;"><b> 📬📬 Created Get & Post Endpoints 📬📬</b></h2>**

**<h3 style="color: chartreuse;"><b> ⏰⏲ Current Date & Time Displayed ⏰⏲ </b></h3>**

**<h4 style="color: aqua;"><b> 🥇🥇Completed My Task 🥇🥇</b></h4>**

**</marquee>**

**</body>**

**</html>**

**Index.js**

**Convert the ExpressJS**

**const express = require('express');**

**// Define the Read/write files**

**const fs = require('fs');**

**// Create the ExpressJS Application**

**const app = express();**

**// middleware**

**app.use(express.json());**

**// Define the application hostname & port number**

**const HOSTNAME = '127.0.0.1'; // local host IP Address**

**const PORT = 4000; // user defined**

**// Middleware to parse JSON in the request body**

**app.use(express.json());**

**// GET Methods**

**// set the end ponits**

**// set the / route**

**// try & catch methods**

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

**try {**

**let datetime = new Date().toISOString();**

**fs.writeFile(`current date-time.txt`, datetime, (err) => {**

**if (err)**

**throw err;**

**else {**

**fs.readFile(`current date-time.txt`, (err, data) => {**

**if (err)**

**throw err;**

**else**

**res.status(200).send({ message: "Successfully The Current Date & Time Displayed", datetime });**

**});**

**}**

**});**

**} catch (error) {**

**console.log("Internal Server Error");**

**res.status(404).send(error);**

**}**

**});**

**// POST**

**// endpoint to create a new note based on the request data**

**app.post('/post-file', (req, res) => {**

**try {**

**const { content } = req.body;**

**if (!content) {**

**return res.status(400).send({ message: "Put The Input Inside The Body Tag" });**

**}**

**let datetime = new Date().toISOString();**

**const fileName = `current date-time\_post.txt`;**

**fs.writeFile(fileName, content, (err) => {**

**if (err) {**

**throw err;**

**} else {**

**res.status(200).send({ message: "Successfully The File Is Post", fileName, datetime });**

**}**

**});**

**} catch (error) {**

**console.log(error);**

**res.status(404).send(error);**

**}**

**});**

**// Make the server to listen to the different port number**

**app.listen(PORT, () => {**

**console.log(`Application Running at http://${HOSTNAME}:${PORT}`);**

**})**