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Class: LY IT Core

Lab Assignment No.: 5

NodeJS, ExpressJS and Server Data:  
How to apply EJS to an Express application, include repeatable parts of your site, and pass data to the views (Render the single variable and array of objects).

Code:

Index.ejs

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Cars</title>

</head>

<body>

    <h1><%= singleVariable %></h1>

    <h2>Car Objects:</h2>

    <ul>

        <% data.forEach(function(item) { %>

            <li><%= item.name %></li>

        <% }); %>

    </ul>

</body>

</html>

Index.js

const express = require('express');

const app = express();

const port = 3000;

const bodyParser = require('body-parser');

app.use(bodyParser.urlencoded({ extended: true}));

app.use(bodyParser.json());

app.set('view engine', 'ejs'); // Set EJS as the view engine

// Define a sample data array

const data = [

    { name: 'Rolls Royce Phantom'},

    { name: 'Lamborghini Huracan' },

    { name: 'Porsche Cayenne' }

];

// Route to render the EJS template with data

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

    res.render('pages/index', { singleVariable: EJS X Array Objects', data: data });

});

app.listen(port, () => {

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

});

Output:

