

Name: Jay Rajesh Umap

Roll No.: 2205010

Enrolment No.: MITU20BTIT0029

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:

