**Module 2 Assignment 2: Exploring JavaScript Topics**

**with EJS, Node.js, and Express**

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IFT 458: Middleware Programming & Database Security

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A screenshot of a computer

Description automatically generated**Assignment 2 Part A**

**Exercise 1: Variables**

**Figure 1:** Successful completion of Exercise 1: Variable

**Assignment 2 Part B**

**Assignment: Analyzing .ejs Code vs. HTML Rendered in the Browser**

**Figure 2:** Below is a screenshot of my app.js, where I successfully imported the required module and instance of express. I then set the view engine to EJS, which ensures that the ‘views’ directory will be where Express looks for the needed EJS templates. I also made sure to create a route to render the EJS and started a server port.

A screen shot of a computer program

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**Figures 3 & 4:** Below is a screenshot of the index.ejs and the rendered HTML of the index.ejs in my browser. JavaScript is embedded within the .ejs file by using the `<% %>` tags. These tags are necessary when using EJS. The way to use these tags is by placing them around the JavaScript code. When running this application on the browser, we see a header and a paragraph. However, looking at the code, we notice that <% message %> is not displayed in the browser. Instead, “Hello World!” is displayed because message is simply a placeholder for the value I set in my app.js file. Using EJS templates allows us to make our HTML files dynamic while maintaining readability and reusability.

A screen shot of a computer

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