Internet applications

Assignment Four

23W LIB2024 010

Dr. Huthaifa Abderahman

Olivia McKeen

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Introduction

This assignment was a particular challenge since JavaScript feels like a completely foreign concept to me. I somehow managed to create a webpage with a functioning Celsius to Fahrenheit converter. I elicited help from W3schools, YouTube and a friend who knows a bit about JavaScript. Now this webpage I didn’t have the time to make this one creative, but I am very happy with the converter I made.

Script blocks

<!DOCTYPE HTML> This sets this document as an HTML.

<html lang="en"> Sets language to English.

<head>

<meta charset="utf-8">

<title>Celsius to Fahrenheit Conversion </title>

</head>

<body>

<h1>Celsius to Fahrenheit Conversion</h1>

<img src="images/thermometer.jpg" alt="Thermometer Picture" style="float:left;width:200px;height:400px;">

<p>Enter the temperature in Celsius:</p>

<input type="text" id="celsius">

<button onclick="convertTemp()">Convert</button>

<p id="error"></p>

<p id="result"></p>

<script>

function convertTemp() {

var celsius = document.getElementById("celsius").value;

if (isNaN(celsius)) {

document.getElementById("error").innerHTML = "Please enter a valid number.";

document.getElementById("result").innerHTML = "";

} else {

var fahrenheit = (celsius \* 9/5) + 32;

document.getElementById("error").innerHTML = "";

document.getElementById("result").innerHTML = celsius + " degrees Celsius is " + fahrenheit + " degrees Fahrenheit.";

}

}

</script>

</body>

</html>

Photographic evidence

Text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Conclusion

In conclusion this assignment felt extremely complicated, not only because I had no idea where to begin but also because I didn’t know how different Celsius and Fahrenheit really were. I am also extremely terrible with math and with all the working motions of this assignment it felt like a lot of math. I received a lot of help from multiple sources including friends who have taken internet coursed before and without them I don’t know how long it would have taken me.

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