Task2:

Temp Converter :

Create a simple website using Css, HTML javascript to convert temperature from celsius to fahrenheit

Creating a simple website to convert temperature from Celsius to Fahrenheit using HTML, CSS, and JavaScript involves several steps. Below, I'll provide you with a basic example:

Create an HTML file (index.html):

html

Copy code

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Temperature Converter</title>

<link rel="stylesheet" href="styles.css">

</head>

<body>

<div class="container">

<h1>Temperature Converter</h1>

<label for="celsius">Enter Temperature in Celsius:</label>

<input type="number" id="celsius" placeholder="Enter temperature">

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

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

</div>

<script src="script.js"></script>

</body>

</html>

Create a CSS file (styles.css):

css

Copy code

body {

font-family: Arial, sans-serif;

background-color: #f2f2f2;

}

.container {

max-width: 400px;

margin: 0 auto;

padding: 20px;

background-color: #fff;

border-radius: 5px;

box-shadow: 0 0 5px rgba(0, 0, 0, 0.2);

}

h1 {

text-align: center;

}

label {

display: block;

margin-bottom: 10px;

}

input {

width: 100%;

padding: 10px;

margin-bottom: 20px;

border: 1px solid #ccc;

border-radius: 5px;

}

button {

display: block;

width: 100%;

padding: 10px;

background-color: #007BFF;

color: #fff;

border: none;

border-radius: 5px;

cursor: pointer;

}

button:hover {

background-color: #0056b3;

}

p {

text-align: center;

font-weight: bold;

font-size: 18px;

margin-top: 20px;

}

Create a JavaScript file (script.js):

javascript

Copy code

function convertTemperature() {

const celsiusInput = document.getElementById("celsius").value;

const celsius = parseFloat(celsiusInput);

if (!isNaN(celsius)) {

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

document.getElementById("result").innerHTML = ${celsius} &deg;C is equal to ${fahrenheit.toFixed(2)} &deg;F;

} else {

document.getElementById("result").innerHTML = "Please enter a valid temperature.";

    }

}