COGNORISE INFOTECH

WEB DEVELOPMENT INTERNSHIP

TASK- 5

CURRENCY CONVERTER HTML

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Currency Converter</title>

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

</head>

<body>

<div class="container">

<h1>COGNORISE INFOTECH</h1>

<p>WEB DEVELOPMENT INTERNSHIP</p>

<h2>TASK - 5</h2>

<!-- Currency Converter section -->

<h2>Currency Converter</h2>

<div class="converter-container">

<div>

<label for="amount">Amount:</label>

<input type="number" id="amount" placeholder="Enter amount">

</div>

<div>

<label for="from">From:</label>

<select id="from">

<option value="USD">United States Dollar (USD)</option>

<option value="EUR">Euro (EUR)</option>

<option value="GBP">British Pound Sterling (GBP)</option>

<option value="JPY">Japanese Yen (JPY)</option>

<option value="CNY">Chinese Yuan (CNY)</option>

</select>

</div>

<div>

<label for="to">To:</label>

<select id="to">

<option value="USD">United States Dollar (USD)</option>

<option value="EUR">Euro (EUR)</option>

<option value="GBP">British Pound Sterling (GBP)</option>

<option value="JPY">Japanese Yen (JPY)</option>

<option value="CNY">Chinese Yuan (CNY)</option>

</select>

</div>

<button id="convertBtn">Convert</button>

<!-- Add a div to display the result -->

<div id="result"></div>

</div>

</div>

<!-- Include your JavaScript code here -->

<script>

document.getElementById("convertBtn").addEventListener("click", function() {

var amount = parseFloat(document.getElementById("amount").value);

var fromCurrency = document.getElementById("from").value;

var toCurrency = document.getElementById("to").value;

// Perform conversion (example: using hardcoded rates)

var convertedAmount = convertCurrency(amount, fromCurrency, toCurrency);

// Display the result

document.getElementById("result").innerText = convertedAmount.toFixed(2) + " " + toCurrency;

});

// Function to convert currency (example: using hardcoded conversion rates)

function convertCurrency(amount, fromCurrency, toCurrency) {

var conversionRates = {

"USD": { "USD": 1, "EUR": 0.85, "GBP": 0.72, "JPY": 109.73, "CNY": 6.37 },

"EUR": { "USD": 1.18, "EUR": 1, "GBP": 0.85, "JPY": 130.16, "CNY": 7.58 },

"GBP": { "USD": 1.39, "EUR": 1.18, "GBP": 1, "JPY": 152.76, "CNY": 8.89 },

"JPY": { "USD": 0.0091, "EUR": 0.0077, "GBP": 0.0065, "JPY": 1, "CNY": 0.058 },

"CNY": { "USD": 0.16, "EUR": 0.13, "GBP": 0.11, "JPY": 17.21, "CNY": 1 }

};

var conversionRate = conversionRates[fromCurrency][toCurrency];

var convertedAmount = amount \* conversionRate;

return convertedAmount;

}

</script>

</body>

</html>

TASK – 7

COUNTDOWN TIMER HTML

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Countdown Timer</title>

<style>

body {

font-family: Arial, sans-serif;

text-align: center;

}

#countdown {

font-size: 2em;

margin-top: 20px;

}

.company-info {

margin-top: 50px;

}

</style>

</head>

<body>

<h1>Countdown Timer</h1>

<label for="datetime">Select countdown target date and time:</label>

<input type="datetime-local" id="datetime">

<button onclick="startCountdown()">Start Countdown</button>

<div id="countdown"></div>

<script>

function startCountdown() {

var countdownElement = document.getElementById('countdown');

var inputElement = document.getElementById('datetime');

var targetDate = new Date(inputElement.value).getTime();

var now = new Date().getTime();

var timeLeft = targetDate - now;

if (isNaN(timeLeft) || timeLeft < 0) {

countdownElement.innerHTML = "Please select a future date and time.";

return;

}

var days = Math.floor(timeLeft / (1000 \* 60 \* 60 \* 24));

var hours = Math.floor((timeLeft % (1000 \* 60 \* 60 \* 24)) / (1000 \* 60 \* 60));

var minutes = Math.floor((timeLeft % (1000 \* 60 \* 60)) / (1000 \* 60));

var seconds = Math.floor((timeLeft % (1000 \* 60)) / 1000);

countdownElement.innerHTML = "Countdown: " + days + "d " + hours + "h " + minutes + "m " + seconds + "s";

if (timeLeft > 0) {

setTimeout(startCountdown, 1000);

} else {

countdownElement.innerHTML = "Countdown has ended!";

}

}

</script>

<div class="company-info">

<h2>COGNORISE INFOTECH</h2>

<p>WEB DEVELOPMENT INTERNSHIP</p>

<p>TASK-7</p>

</div>

</body>

</html>

TASK – 8

BMI CALCULATOR HTML

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>BMI Calculator</title>

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

<style>

body {

font-family: Arial, sans-serif;

background-color: #f2f2f2;

margin: 0;

padding: 0;

}

.container {

width: 80%;

margin: 50px auto;

background-color: #fff;

padding: 20px;

border-radius: 8px;

box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

}

h1 {

text-align: center;

color: #333;

}

label {

display: block;

margin-bottom: 10px;

font-weight: bold;

}

input[type="number"] {

width: 100%;

padding: 10px;

border: 1px solid #ccc;

border-radius: 5px;

box-sizing: border-box;

}

button {

display: block;

width: 100%;

padding: 10px;

margin-top: 20px;

background-color: #4caf50;

color: #fff;

border: none;

border-radius: 5px;

cursor: pointer;

font-size: 16px;

}

button:hover {

background-color: #45a049;

}

#result {

margin-top: 20px;

text-align: center;

font-size: 18px;

color: #333;

}

footer {

margin-top: 50px;

text-align: center;

color: #666;

}

</style>

</head>

<body>

<div class="container">

<h1>BMI Calculator</h1>

<div>

<label for="weight">Weight (kg):</label>

<input type="number" id="weight" placeholder="Enter weight in kg">

</div>

<div>

<label for="height">Height (cm):</label>

<input type="number" id="height" placeholder="Enter height in cm">

</div>

<button onclick="calculateBMI()">Calculate BMI</button>

<div id="result"></div>

</div>

<footer>Developed by COGNORISE INFOTECH<br>WEB DEVELOPMENT INTERNSHIP<br>TASK-8</footer>

<script>

function calculateBMI() {

var weight = parseFloat(document.getElementById('weight').value);

var height = parseFloat(document.getElementById('height').value);

if (isNaN(weight) || isNaN(height)) {

alert('Please enter valid weight and height.');

return;

}

var bmi = weight / ((height / 100) \* (height / 100)); // Convert height to meters

var resultDiv = document.getElementById('result');

resultDiv.innerHTML = 'Your BMI is: ' + bmi.toFixed(2);

}

</script>

</body>

</html>