**Task 3;**

**BMI Calculator**

Using HTML,CSS,JS

HTML Code:

<!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">

</head>

<body>

<div class="container">

<h1>BMI Calculator</h1>

<div>

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

<input type="number" id="weight" placeholder="Enter your weight">

</div>

<div>

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

<input type="number" id="height" placeholder="Enter your height">

</div>

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

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

</div>

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

</body>

</html>

CSS Code:

body {

font-family: Arial, sans-serif;

background-color: #f4f4f4;

display: flex;

justify-content: center;

align-items: center;

height: 100vh;

margin: 0;

}

.container {

background-color: #fff;

padding: 20px;

border-radius: 5px;

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

text-align: center;

}

input {

margin-bottom: 10px;

padding: 10px;

width: 100%;

border: 1px solid #ddd;

border-radius: 5px;

}

button {

padding: 10px 20px;

background-color: #007BFF;

color: white;

border: none;

border-radius: 5px;

cursor: pointer;

}

button:hover {

background-color: #0056b3;

}

#result {

margin-top: 20px;

font-size: 1.2em;

}

Java Script Code:

function calculateBMI() {

const weight = document.getElementById('weight').value;

const height = document.getElementById('height').value;

if (weight && height) {

const heightInMeters = height / 100;

const bmi = (weight / (heightInMeters \* heightInMeters)).toFixed(2);

document.getElementById('result').textContent = Your BMI is ${bmi};

} else {

document.getElementById('result').textContent = 'Please enter both weight and height';

}

}

Output;

