<!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>

        <form id="bmi-form">

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

            <input type="number" id="height" required>

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

            <input type="number" id="weight" required>

            <button type="submit">Calculate BMI</button>

        </form>

        <div id="result"></div>

    </div>

    <script src="script.js"></script>

</body>

</html>

body {

    font-family: Arial, sans-serif;

    background-color: #f4f4f4;

    display: flex;

    justify-content: center;

    align-items: center;

    height: 100vh;

    margin: 0;

}

.container {

    background: #fff;

    padding: 20px;

    border-radius: 10px;

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

    width: 300px;

    text-align: center;

}

h1 {

    margin-bottom: 20px;

}

form label {

    display: block;

    margin: 10px 0 5px;

}

form input {

    width: calc(100% - 20px);

    padding: 10px;

    margin-bottom: 10px;

    border: 1px solid #ccc;

    border-radius: 5px;

}

button {

    width: 100%;

    padding: 10px;

    background: #007bff;

    color: white;

    border: none;

    border-radius: 5px;

    cursor: pointer;

}

button:hover {

    background: #0056b3;

}

#result {

    margin-top: 20px;

    font-size: 1.2em;

}

document.getElementById('bmi-form').addEventListener('submit', function(e) {

    e.preventDefault();

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

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

    if (height === '' || weight === '') {

        alert('Please fill out both fields');

        return;

    }

    height = parseFloat(height) / 100; // Convert height from cm to meters

    weight = parseFloat(weight);

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

    let resultText = `Your BMI is ${bmi}. `;

    if (bmi < 18.5) {

        resultText += 'You are underweight.';

    } else if (bmi < 24.9) {

        resultText += 'You have a normal weight.';

    } else if (bmi < 29.9) {

        resultText += 'You are overweight.';

    } else {

        resultText += 'You are obese.';

    }

    document.getElementById('result').innerText = resultText;

});