<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Employee Pay Calculation</title>

<style>

body {

font-family: Arial, sans-serif;

margin: 40px;

background-color: #f4f4f9;

}

h2 {

text-align: center;

}

.form-container {

max-width: 400px;

margin: 0 auto;

padding: 20px;

background-color: white;

border-radius: 8px;

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

}

.form-container label {

font-weight: bold;

display: block;

margin-top: 10px;

}

.form-container input {

width: 100%;

padding: 10px;

margin: 10px 0 20px 0;

border-radius: 5px;

border: 1px solid #ccc;

}

.form-container button {

width: 100%;

padding: 10px;

background-color: #4CAF50;

color: white;

border: none;

font-size: 16px;

border-radius: 5px;

cursor: pointer;

}

.form-container button:hover {

background-color: #45a049;

}

.result-container {

margin-top: 20px;

background-color: #fff;

padding: 20px;

border-radius: 8px;

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

text-align: center;

}

</style>

</head>

<body>

<h2>Employee Pay Calculation</h2>

<div class="form-container">

<label for="empName">Employee Name:</label>

<input type="text" id="empName" placeholder="Enter employee name">

<label for="hoursWorked">Hours Worked:</label>

<input type="number" id="hoursWorked" placeholder="Enter hours worked">

<label for="ratePerHour">Rate per Hour:</label>

<input type="number" id="ratePerHour" placeholder="Enter rate per hour">

<button onclick="calculatePay()">Calculate Net Pay</button>

</div>

<div id="result" class="result-container"></div>

<script>

function calculatePay() {

// Get user input values

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

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

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

// Validate inputs

if (empName === "" || isNaN(hoursWorked) || isNaN(ratePerHour) || hoursWorked <= 0 || ratePerHour <= 0) {

alert("Please enter valid values for all fields.");

return;

}

// Calculate basic pay

var basicPay = hoursWorked \* ratePerHour;

// Calculate tax based on basic pay

var tax = 0;

if (basicPay > 50000) {

tax = basicPay \* 0.20; // 20% tax

} else if (basicPay >= 20000 && basicPay <= 50000) {

tax = basicPay \* 0.10; // 10% tax

}

// Calculate net pay

var netPay = basicPay - tax;

// Display the result

var resultHTML = `

<h3>Pay Details for ${empName}</h3>

<p><strong>Basic Pay:</strong> $${basicPay.toFixed(2)}</p>

<p><strong>Tax Deducted:</strong> $${tax.toFixed(2)}</p>

<p><strong>Net Pay:</strong> $${netPay.toFixed(2)}</p>

`;

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

}

</script>

</body>

</html>