<!DOCTYPE html>

<html>

<head>

<title>Multiplication Table Generator</title>

</head>

<body>

<h1>Multiplication Table Generator</h1>

<form>

<label for="numberInput">Enter a number: </label>

<input type="text" id="numberInput" />

<button type="button" onclick="generateMultiplicationTable()">

Generate Table

</button>

</form>

<h2>Result:</h2>

<pre id="result"></pre>

<script>

function generateMultiplicationTable() {

const numberInput = document.getElementById("numberInput").value;

const num = parseInt(numberInput);

const resultContainer = document.getElementById("result");

if (!isNaN(num)) {

let table = "";

for (let i = 1; i <= 10; i++) {

const result = num \* i;

table += num + " x " + i + " = " + result + "\n";

}

resultContainer.textContent = table;

} else {

resultContainer.textContent =

"Invalid input. Please enter a valid number.";

}

}

</script>

</body>

</html>