**Task No 1:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Bootstrap Closing Boxes</title>

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2HN" crossorigin="anonymous">

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js" integrity="sha384-C6RzsynM9kWDrMNeT87bh95OGNyZPhcTNXj1NW7RuBCsyN/o0jlpcV8Qyq46cDfL" crossorigin="anonymous"></script>

</head>

<body>

    <div class="alert alert-success alert-dismissible fade show mb-0" role="alert">

        <strong>Success!</strong> Click a link <a href="https://www.w3schools.com/bootstrap/bootstrap\_ver.asp" class="alert-link">Link to Bootstrap's Main Page</a>.

        <button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>

    </div>

    <div class="alert alert-info alert-dismissible fade show mb-0" role="alert">

        <strong>Info!</strong> Click a link <a href="https://www.w3schools.com/bootstrap/bootstrap\_ver.asp" class="alert-link">Link to Bootstrap's Main Page</a>.

        <button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>

    </div>

    <div class="alert alert-warning alert-dismissible fade show mb-0" role="alert">

        <strong>Warning!</strong> Click a link <a href="https://www.w3schools.com/bootstrap/bootstrap\_ver.asp" class="alert-link">Link to Bootstrap's Main Page</a>.

        <button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>

    </div>

    <div class="alert alert-warning alert-dismissible fade show mb-0" role="alert">

        <strong>Warning!</strong> Click a link <a href="https://www.w3schools.com/bootstrap/bootstrap\_ver.asp" class="alert-link">Link to Bootstrap's Main Page</a>.

        <button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>

    </div>

    <div class="alert alert-danger alert-dismissible fade show mb-0" role="alert">

        <strong>Danger!</strong> Click a link <a href="https://www.w3schools.com/bootstrap/bootstrap\_ver.asp" class="alert-link">Link to Bootstrap's Main Page</a>.

        <button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>

    </div>

    <div class="alert alert-danger alert-dismissible fade show mb-0" role="alert">

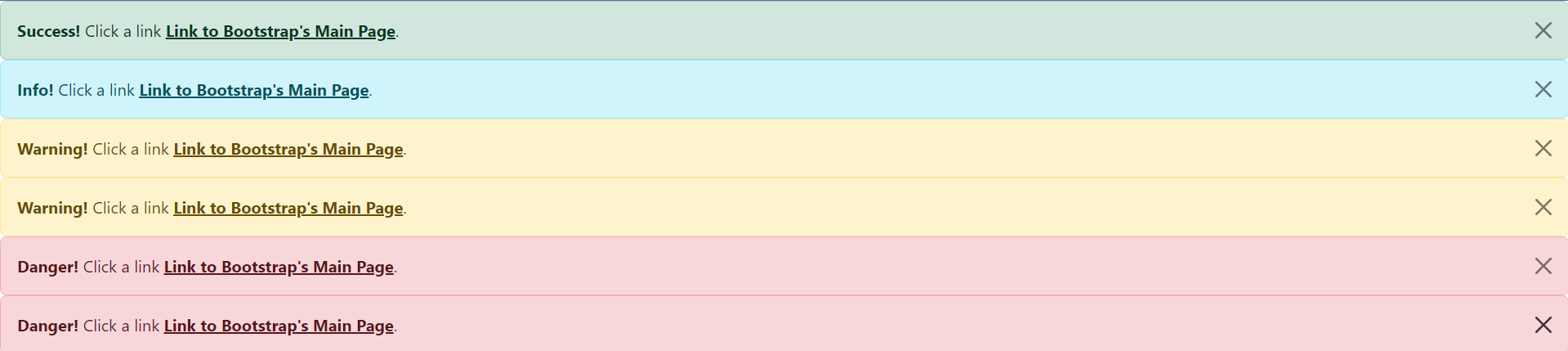
        <strong>Danger!</strong> Click a link <a href="https://www.w3schools.com/bootstrap/bootstrap\_ver.asp" class="alert-link">Link to Bootstrap's Main Page</a>.

        <button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>

    </div>

</body>

</html>



**Task No 2:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Bootstrap Closing Boxes</title>

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2HN" crossorigin="anonymous">

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js" integrity="sha384-C6RzsynM9kWDrMNeT87bh95OGNyZPhcTNXj1NW7RuBCsyN/o0jlpcV8Qyq46cDfL" crossorigin="anonymous"></script>

</head>

<body>

    <button type="button" class="btn" onclick="displayMessage('Basic')">Basic</button>

    <button type="button" class="btn btn-primary" onclick="displayMessage('Primary')">Primary</button>

    <button type="button" class="btn btn-secondary" onclick="displayMessage('Secondary')">Secondary</button>

    <button type="button" class="btn btn-success" onclick="displayMessage('Success')">Success</button>

    <button type="button" class="btn btn-info" onclick="displayMessage('Info')">Info</button>

    <button type="button" class="btn btn-warning" onclick="displayMessage('Warning')">Warning</button>

    <button type="button" class="btn btn-danger" onclick="displayMessage('Danger')">Danger</button>

    <button type="button" class="btn btn-dark" onclick="displayMessage('Dark')">Dark</button>

    <button type="button" class="btn btn-light" onclick="displayMessage('Light')">Light</button>

    <button type="button" class="btn btn-link" onclick="displayMessage('Link')">Link</button>

    <script>

        function displayMessage(message) {

            alert("Button clicked! Message: " + message);

        }

    </script>

</body>

</html>

A black screen with white text

Description automatically generated

**Task No 3:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Bootstrap Closing Boxes</title>

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2HN" crossorigin="anonymous">

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js" integrity="sha384-C6RzsynM9kWDrMNeT87bh95OGNyZPhcTNXj1NW7RuBCsyN/o0jlpcV8Qyq46cDfL" crossorigin="anonymous"></script>

</head>

<body>

    <!DOCTYPE html>

    <html lang="en">

    <head>

        <meta charset="UTF-8">

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

        <title>Simple Calculator</title>

    </head>

    <body>

        <form id="calculatorForm">

            <label for="num1">Enter Number 1:</label>

            <input type="number" id="num1" required>

            <label for="num2">Enter Number 2:</label>

            <input type="number" id="num2" required>

            <button type="button" onclick="calculate()">Calculate</button>

        </form>

        <h2>Results:</h2>

        <p id="addResult">Addition: </p>

        <p id="subtractResult">Subtraction: </p>

        <p id="multiplyResult">Multiplication: </p>

        <p id="divideResult">Division: </p>

        <script>

            function calculate() {

                var num1 = parseFloat(document.getElementById('num1').value);

                var num2 = parseFloat(document.getElementById('num2').value);

                var addResult = num1 + num2;

                var subtractResult = num1 - num2;

                var multiplyResult = num1 \* num2;

                var divideResult = num2 !== 0 ? num1 / num2 : "Cannot divide by zero";

                document.getElementById('addResult').innerText = "Addition: " + addResult;

                document.getElementById('subtractResult').innerText = "Subtraction: " + subtractResult;

                document.getElementById('multiplyResult').innerText = "Multiplication: " + multiplyResult;

                document.getElementById('divideResult').innerText = "Division: " + divideResult;

            }

        </script>

    </body>

    </html>

A screenshot of a computer

Description automatically generated

**Task No 4:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Month Days Calculator</title>

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2HN" crossorigin="anonymous">

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js" integrity="sha384-C6RzsynM9kWDrMNeT87bh95OGNyZPhcTNXj1NW7RuBCsyN/o0jlpcV8Qyq46cDfL" crossorigin="anonymous"></script>

    <style>

        .red-text {

            color: red;

        }

    </style>

</head>

<body>

    <!DOCTYPE html>

    <html lang="en">

    <head>

        <meta charset="UTF-8">

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

        <title>Simple Calculator</title>

    </head>

    <body>

        <script>

            function calculateDays() {

                var monthName = prompt("Enter the name of the month (e.g., Jan, Feb):");

                var lowercaseMonth = monthName.toLowerCase();

                switch (lowercaseMonth) {

                    case 'jan':

                    case 'mar':

                    case 'may':

                    case 'jul':

                    case 'aug':

                    case 'oct':

                    case 'dec':

                    result = "Total number of days in " + monthName + " is " + '<span class="red-text">31</span>';

                    break;

                    case 'apr':

                    case 'jun':

                    case 'sep':

                    case 'nov':

                    result = "Total number of days in " + monthName + " is " + '<span class="red-text">30</span>';

                    break;

                    case 'feb':

                    result = "Total number of days in " + monthName + " is " + '<span class="red-text">28 or 29 (leap year)</span>';

                    break;

                    default:

                    result = "Invalid month name. Please enter a valid month abbreviation.";

                    }

                    document.body.innerHTML = result;

                }

        </script>

        <button onclick="calculateDays()">Calculate Days</button>

    </body>

    </html>

**A screenshot of a computer

Description automatically generated**

**A screen shot of a computer

Description automatically generated**

**Task No 5:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Multiplication</title>

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2HN" crossorigin="anonymous">

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js" integrity="sha384-C6RzsynM9kWDrMNeT87bh95OGNyZPhcTNXj1NW7RuBCsyN/o0jlpcV8Qyq46cDfL" crossorigin="anonymous"></script>

</head>

<body>

    <script>

        function printable() {

            var num = prompt("Enter a number:");

            var number = parseFloat(num);

            if (!isNaN(number))

            {

                var table = "<h2>Multiplication Table for " + number + "</h2>";

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

                    table += number + " x " + i + " = " + (number \* i) + "<br>";

                }

                var resultDiv = document.createElement("div");

                resultDiv.innerHTML = table;

                document.body.appendChild(resultDiv);

            } else {

                alert("Invalid input. Please enter a valid number.");

            }

        }

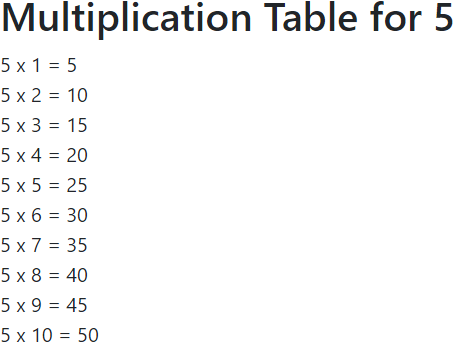
        // Call the function when the page loads

        printable();

    </script>

</body>

</html>

****