

bootstrap

[Document subtitle]



[Date]

[Company name]

[Company address]

**Name : Usman Saleem**

**Roll No : 21F-9277**

**Task 1**

<!doctype html>

<html lang="en">

  <head>

    <title>BootStrap</title>

    <!-- Required meta tags -->

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

    <!-- Bootstrap CSS -->

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css" integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">

  </head>

  <body>

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

    <a href="#" class="close" data-dismiss="alert" aria-label="close">&times;</a>

    <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>.

  </div>

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

    <a href="#" class="close" data-dismiss="alert" aria-label="close">&times;</a>

    <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>.

  </div>

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

    <a href="#" class="close" data-dismiss="alert" aria-label="close">&times;</a>

    <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>.

  </div>

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

    <a href="#" class="close" data-dismiss="alert" aria-label="close">&times;</a>

    <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>.

  </div>

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

    <a href="#" class="close" data-dismiss="alert" aria-label="close">&times;</a>

    <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>.

  </div>

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

    <a href="#" class="close" data-dismiss="alert" aria-label="close">&times;</a>

    <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>.

  </div>

    <!-- Optional JavaScript -->

    <!-- jQuery first, then Popper.js, then Bootstrap JS -->

    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>

    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js" integrity="sha384-UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1" crossorigin="anonymous"></script>

    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js" integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM" crossorigin="anonymous"></script>

  </body>

</html>

A screenshot of a computer

Description automatically generated

**Task 2**

<!doctype html>

<html lang="en">

  <head>

    <title>BootStrap</title>

    <!-- Required meta tags -->

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

    <!-- Bootstrap CSS -->

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css" integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">

  </head>

  <body>

    <div class="container mt-5">

        <h2>Button Styles</h2>

        <button type="button" class="btn" id="but0">Basic</button>

        <button type="button" class="btn btn-primary" id="but1" >Primary</button>

        <button type="button" class="btn btn-secondary" id="but2">Secondary</button>

        <button type="button" class="btn btn-success" id="but3">Success</button>

        <button type="button" class="btn btn-info" id="but4">Info</button>

        <button type="button" class="btn btn-warning" id="but5">Warning</button>

        <button type="button" class="btn btn-danger" id="but6">Danger</button>

        <button type="button" class="btn btn-dark" id="but7">Dark</button>

        <button type="button" class="btn btn-light" id="but8">Light</button>

        <button type="button" class="btn btn-link" id="but9">Link</button>

      </div>

    <!-- Optional JavaScript -->

    <!-- jQuery first, then Popper.js, then Bootstrap JS -->

    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>

    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js" integrity="sha384-UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1" crossorigin="anonymous"></script>

    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js" integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM" crossorigin="anonymous"></script>

    <script>

        document.getElementById('but3').addEventListener('click', function() {

            alert('You clicked Button 1!');

        });

        document.getElementById('but2').addEventListener('click', function() {

            alert('Button 2 says hello!');

        });

        document.getElementById('but1').addEventListener('click', function() {

            alert('You clicked Button 1!');

        });

        document.getElementById('but4').addEventListener('click', function() {

            alert('You clicked Button 1!');

        });

        document.getElementById('but5').addEventListener('click', function() {

            alert('Button 2 says hello!');

        });

        document.getElementById('but6').addEventListener('click', function() {

            alert('You clicked Button 1!');

        });

        document.getElementById('but7').addEventListener('click', function() {

            alert('You clicked Button 1!');

        });

        document.getElementById('but8').addEventListener('click', function() {

            alert('Button 2 says hello!');

        });

        document.getElementById('but9').addEventListener('click', function() {

            alert('You clicked Button 1!');

        });

        document.getElementById('but0').addEventListener('click', function() {

            alert('You clicked Button 1!');

        });

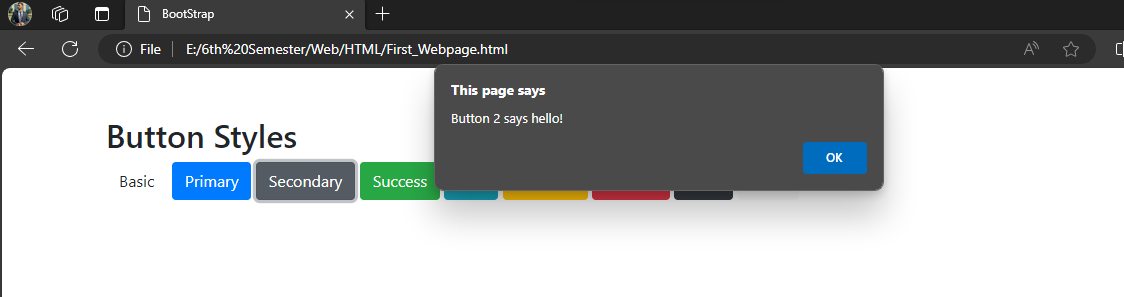
    </script>

  </body>

</html>

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**Task 3**

<!doctype html>

<html lang="en">

  <head>

    <title>Calculater</title>

    <!-- Required meta tags -->

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

    <!-- Bootstrap CSS -->

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css" integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">

  </head>

  <body>

    <h1>Caluculater</h1>

    <form id="form1">

        <input type="number" id="num1" placeholder="Enter Value 1"><br><br>

        <input type="number" id="num2" placeholder="Enter Value 2"><br><br>

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

    </form>

    <p id="resut"></p>

    <!-- Optional JavaScript -->

    <!-- jQuery first, then Popper.js, then Bootstrap JS -->

    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>

    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js" integrity="sha384-UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1" crossorigin="anonymous"></script>

    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js" integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM" crossorigin="anonymous"></script>

    <script>

        function MyCalculate()

        {

            const num1 =parseFloat(document.getElementById('num1').value)

            const num2 =parseFloat(document.getElementById('num2').value)

            const sum =num1 + num2;

            const difference =num1 - num2;

            const product =num1 + num2;

            const quotient =num1 + num2;

            document.getElementById('resut').innerHTML = `

                Sum: ${sum}<br>

                Difference: ${difference}<br>

                Product: ${product}<br>

                Quotient: ${quotient.toFixed(2)}

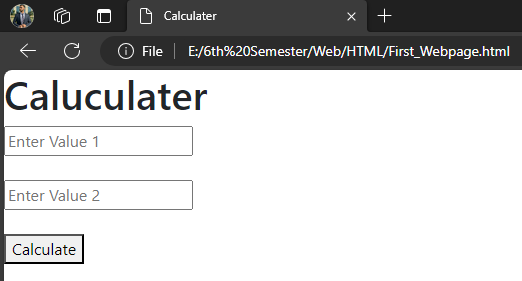
            `;

        }

    </script>

  </body>

</html>



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Task 4

<!doctype html>

<html lang="en">

  <head>

    <title>Dayes</title>

    <!-- Required meta tags -->

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

    <!-- Bootstrap CSS -->

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css" integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">

    <style>

        #days {

          color: red;

        }

      </style>

    </head>

  <body>

    <h2>Month Days Counter</h2>

    <label for="monthInput">Enter the name of the month (e.g., Jan, Feb): </label>

    <input type="text" id="monthInput">

    <button onclick="getMonthDays()">Get Days</button>

    <p>Total number of days in <span id="monthName"></span>: <span id="days"></span></p>

    <!-- Optional JavaScript -->

    <!-- jQuery first, then Popper.js, then Bootstrap JS -->

    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>

    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js" integrity="sha384-UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1" crossorigin="anonymous"></script>

    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js" integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM" crossorigin="anonymous"></script>

    <script>

         function getMonthDays() {

      const monthInput = document.getElementById('monthInput').value.toLowerCase();

      const daysElement = document.getElementById('days');

      const monthNameElement = document.getElementById('monthName');

      let daysInMonth;

      switch(monthInput) {

        case 'jan':

        case 'mar':

        case 'may':

        case 'jul':

        case 'aug':

        case 'oct':

        case 'dec':

          daysInMonth = 31;

          break;

        case 'apr':

        case 'jun':

        case 'sep':

        case 'nov':

          daysInMonth = 30;

          break;

        case 'feb':

          // Check for leap year

          const currentYear = new Date().getFullYear();

          if ((currentYear % 4 === 0 && currentYear % 100 !== 0) || currentYear % 400 === 0) {

            daysInMonth = 29;

          } else {

            daysInMonth = 28;

          }

          break;

        default:

          daysInMonth = 'Invalid Month';

          break;

      }

      daysElement.textContent = daysInMonth;

      monthNameElement.textContent = monthInput.toUpperCase();

    }

    </script>

  </body>

</html>

A screenshot of a computer

Description automatically generated

**Task 6**

<!doctype html>

<html lang="en">

  <head>

    <title>Tables</title>

    <!-- Required meta tags -->

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

    <!-- Bootstrap CSS -->

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css" integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T" crossorigin="anonymous">

  <body>

    <h1>Multiplication Table</h1>

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

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

    <button onclick="printTable()">Print Table</button>

    <div id="output"></div>

    <!-- Optional JavaScript -->

    <!-- jQuery first, then Popper.js, then Bootstrap JS -->

    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>

    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js" integrity="sha384-UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1" crossorigin="anonymous"></script>

    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js" integrity="sha384-JjSmVgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM" crossorigin="anonymous"></script>

    <script>

       function printTable() {

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

      const outputDiv = document.getElementById('output');

      outputDiv.innerHTML = '';

      if (isNaN(numberInput)) {

        outputDiv.textContent = 'Please enter a valid number.';

        return;

      }

      const number = parseInt(numberInput);

      let table = '<h3>Table for ' + number + ':</h3><ul>';

      for (let i = 1; i <= 10; i++) {

        table += '<li>' + number + ' x ' + i + ' = ' + (number \* i) + '</li>';

      }

      table += '</ul>';

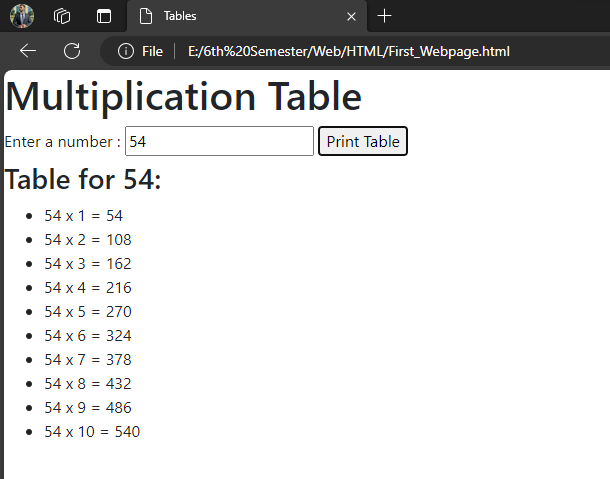
      outputDiv.innerHTML = table;

    }

    </script>

  </body>

</html>

****