

3. Create a form by using various attributes of the input tags (text box, multiline textbox, option button, check box)

```
<!DOCTYPE html>
<html>
<head>
  <title>Simple Registration Form</title>
</head>
<body>

  <h2>Registration Form</h2>

  <form>

    <!-- Email -->
    <label>Email:</label><br>
    <input type="email" name="email" required><br><br>

    <!-- Password -->
    <label>Password:</label><br>
    <input type="password" name="password" required><br><br>

    <!-- Gender -->
    <label>Gender:</label><br>
    <input type="radio" name="gender" value="Male"> Male<br>
    <input type="radio" name="gender" value="Female"> Female<br>
    <input type="radio" name="gender" value="Other"> Other<br><br>

    <!-- Account selection -->
    <label>Select Accounts:</label><br>
    <input type="checkbox" name="accounts" value="Gmail"> Gmail<br>
    <input type="checkbox" name="accounts" value="Facebook"> Facebook<br>
    <input type="checkbox" name="accounts" value="Yahoo"> Yahoo<br>
    <input type="checkbox" name="accounts" value="Twitter"> Twitter<br>
    <input type="checkbox" name="accounts" value="Google"> Google<br>
    <input type="checkbox" name="accounts" value="LinkedIn"> LinkedIn<br><br>

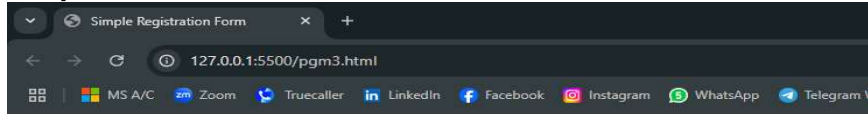
    <!-- Suggestions -->
    <label>Suggestions:</label><br>
    <textarea name="suggestions" rows="4" cols="40" placeholder="enter your text
here"></textarea><br><br>

    <!-- Buttons -->
    <input type="submit" value="Submit">
    <input type="reset" value="Reset">

  </form>

</body>
</html>
```

Output:



Registration Form

Email:

Password:

Gender:

- ☐ Male
☐ Female
☐ Other

Select Accounts:

- ☐ Gmail
☐ Facebook
☐ Yahoo
☐ Twitter
☐ Google
☐ LinkedIn

Suggestions:

enter your text here



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4. Create a simple HTML page by using some of the basic tags (hyperlink, marquee, image)

```
<!DOCTYPE html>
<html>
<head>
  <title>BCA at MVBS College</title>
</head>
<body>

  <!-- Scrolling Title -->
  <marquee><h2>Welcome to MVBS College - BCA Department</h2></marquee>

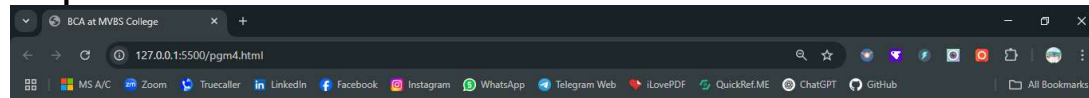
  <!-- Image -->
  <br><br>

  <!-- BCA Program Info -->
  <h3>About BCA Program</h3>
  <p>The Bachelor of Computer Applications (BCA) at MVBS College is a 3-year undergraduate program focused on computer science, software development, and IT fundamentals.</p>

  <p>Students learn programming languages like C, C++, Java, Python, and web development, along with database and networking concepts.</p>

  <!-- Hyperlink to learn more -->
  <p>
    <a href="https://mewavbs.in\" target="_blank">Click here to learn more about the
    BCA program in MVBS College</a>
  </p>
</body>
</html>
```

Output:



Welcome to MVBS College - BCA Department



About BCA Program

The Bachelor of Computer Applications (BCA) at MVBS College is a 3-year undergraduate program focused on computer science, software development, and IT fundamentals.

Students learn programming languages like C, C++, Java, Python, and web development, along with database and networking concepts.

[Click here to learn more about the BCA program in MVBS College](https://mewavbs.in)

5.

5. Create a web page with multiple types of style sheet used in a single page

```
<!DOCTYPE html>
<html>
<head>
  <title>Multiple Stylesheet Example</title>

  <!-- Internal CSS -->
  <style>
    h1 {
      color: blue;
      text-align: center;
    }
    p {
      font-size: 16px;
      color: black;
    }
  </style>

  <!-- External CSS -->
  <link rel="stylesheet" href="css/pgm5-style.css" >
</head>
<body>

  <!-- Inline CSS -->
  <h1 style="background-color: yellow;">Welcome to MVBS College</h1>

  <p>This page demonstrates the use of inline, internal, and external style
  sheets.</p>

  <div class="highlight">
    BCA Program: Learn web development, programming, databases, and more!
  </div>

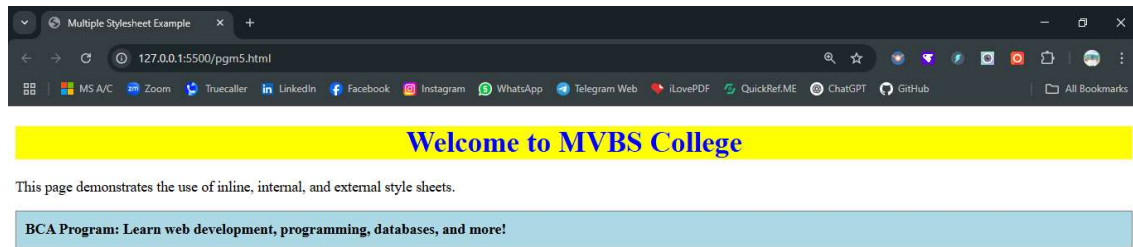
</body>
</html>
```

pgm5-style.css

```
/* External CSS */

.highlight {
  background-color: lightblue;
  padding: 10px;
  font-weight: bold;
  border: 1px solid gray;
}
```

Output:



6. Write a CGI sample program to send output back to the user

```
#!/C:\Strawberry\perl\bin\perl.exe"
```

```
use strict;  
use warnings;  
use CGI qw(:standard);
```

```
print "Content-type: text/html\n\n";
```

```
print "<html><head><title>Greeting Page</title></head><body>";
```

```
print "<h1>Greetings!</h1>";
```

```
my $p = param("p") || "";
```

```
if ($p)  
{
```

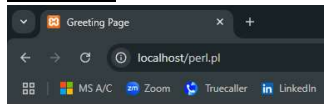
```
    my @greetings = ("Good morning", "Welcome", "How are you doing?",  
"Hello!");
```

```
    my $i = int rand @greetings;  
    print "<p><strong>Hi $p, $greetings[$i]!</strong></p>";  
}
```

```
print qq(  
    <form method="GET">  
        <label for="p">Username: </label>  
        <input type="text" name="p" id="p">  
        <input type="submit" value="Submit">  
    </form>  
);
```

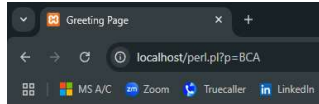
```
print "</body></html>";
```

Output:



Greetings!

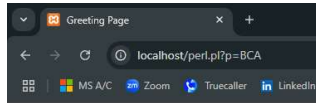
Username:



Greetings!

Hi BCA, Hello!!

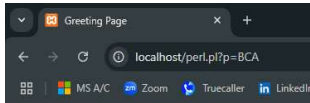
Username:



Greetings!

Hi BCA, Welcome!

Username:



Greetings!

Hi BCA, How are you doing?!

Username:

Note: (instructions)

Save your script as greet.pl

Run Xampp app and start apache server

Put file in: C:\xampp\cgi-bin\greet.pl

Run Perl command line Choose the folder by changing the directory

Execute program in command line by giving program name .pl

If there is no error execute this program in browser <http://localhost/cgi-bin/greet.pl>



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7. Create Time-Table using table tag

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Time Table</title>

  <style>
    body {
      font-family: Arial, sans-serif;
      text-align: center;
      background-color: lightgray;
      margin: 0;
      padding: 20px;
    }

    h1, h2 {
      color: black;
      margin-bottom: 10px;
    }

    table {
      width: 80%;
      margin: 20px auto;
      border-collapse: collapse;
      background-color: white;
      box-shadow: 0 0 10px gray;
      border-radius: 10px;
      overflow: hidden;
    }

    th, td {
      border: 1px solid lightgray;
      padding: 12px;
      text-align: center;
    }

    th {
      background-color: blue;
      color: white;
      font-size: 16px;
    }

    tr:nth-child(even) {
      background-color: whitesmoke;
    }

    tr:hover {
```

```

        background-color: lightgray;
    }

    /* Styling for break and lunch */
    td[rowspan] {
        background-color: gold;
        font-weight: bold;
    }

    td[colspan] {
        background-color: red;
        font-weight: bold;
        color: white;
    }

```

```

</style>

```

```

</head>

```

```

<body>

```

```

    <center>

```

```

        <h1>Mewa Vanguard Business School</h1>

```

```

        <h2>Dept of Computer Applications</h2>

```

```

        <h2>Time Table </h2>

```

```

        <h5>IV SEM 2024-25</h5>

```

```

    </center>

```

```

    <table>

```

```

        <tr>

```

```

            <th>Day/Time</th>

```

```

            <th>09.10AM - 10.00AM</th>

```

```

            <th>10.00AM - 10.50AM</th>

```

```

            <th>10.50AM - 11.20AM</th>

```

```

            <th>11.20AM - 12.10PM</th>

```

```

            <th>12.10PM - 01.00PM</th>

```

```

            <th>01.00PM - 1.50PM</th>

```

```

        </tr>

```

```

        <tr>

```

```

            <td>Mon</td>

```

```

            <td>DAA</td>

```

```

            <td>SE</td>

```

```

            <td rowspan="5">Break</td>

```

```

            <td>IT</td>

```

```

            <td>ENG</td>

```

```

            <td rowspan="5">Lunch</td>

```

```

        </tr>

```

```

        <tr>

```

```

            <td>Tue</td>

```

```

            <td>LANG</td>

```

```

            <td>IT</td>

```

```

            <td colspan="2">DAA LAB</td>

```

```

        </tr>

```



```

<tr>
  <td>Wed</td>
  <td colspan="2">IT LAB</td>
  <td>IT</td>
  <td>DA</td>
</tr>
<tr>
  <td>Thur</td>
  <td>SE</td>
  <td>LANG</td>
  <td>DAA</td>
  <td>IT</td>
</tr>
<tr>
  <td>Fri</td>
  <td>DAA</td>
  <td>IT</td>
  <td>SE</td>
  <td>ENG</td>
</tr>
<tr>
  <td>Sat</td>
  <td colspan="6" class="no-class">No Class</td>
</tr>
</table>
</body>
</html>

```

Output:

Time Table

127.0.0.1:5500/pgm7.html

🔍 ☆ 🌐 📧

Assist Prof. Manoj P
(MEWA Vanguard Business School)

8. Creation of Frames in browser window using HTML.

top.html

```
<!DOCTYPE html>
<html>
<body style="background-color: lightblue;">
  <center><h2>Welcome to MVBS College</h2></center>
</body>
</html>
```

left.html

```
<!DOCTYPE html>
<html>
<body style="background-color: lightgray;">
  <h3>Navigation</h3>
  <ul>
    <li><a href="right.html" target="rightFrame">Home</a></li>
    <li><a href="#" target="rightFrame">Courses</a></li>
    <li><a href="#" target="rightFrame">Contact</a></li>
  </ul>
</body>
</html>
```

right.html

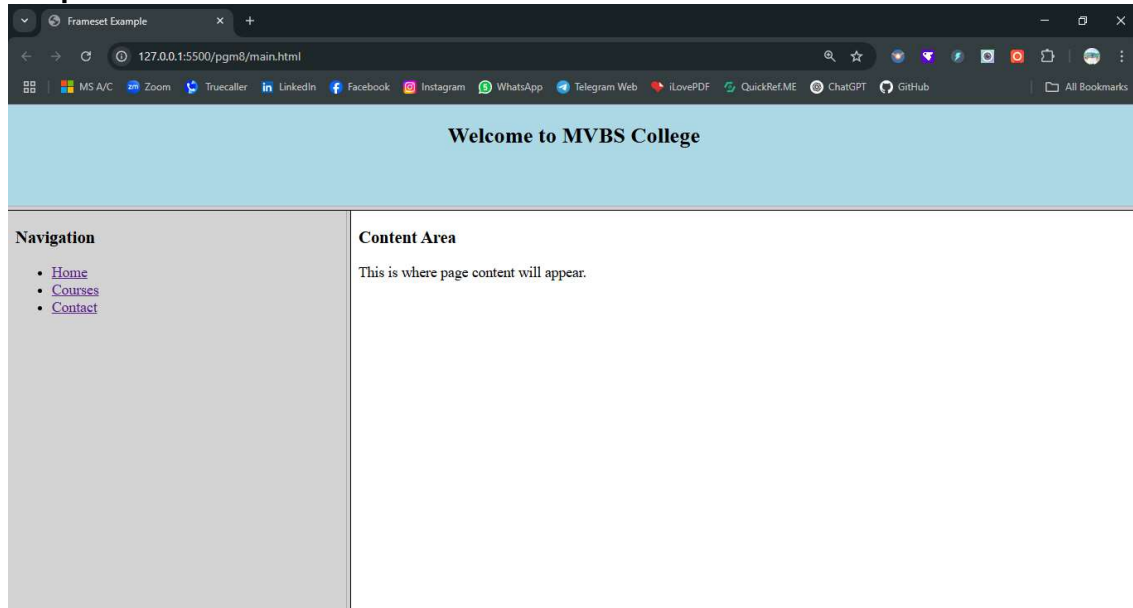
```
<!DOCTYPE html>
<html>
<body style="background-color: white;">
  <h3>Content Area</h3>
  <p>This is where page content will appear.</p>
</body>
</html>
```

main.html

```
<!DOCTYPE html>
<html>
<head>
  <title>Frameset Example</title>
</head>
<frameset rows="20%, 80%">
  <!-- Top Frame -->
  <frame src="top.html" name="topFrame">

  <!-- Split lower part into two columns -->
  <frameset cols="30%, 70%">
    <frame src="left.html" name="leftFrame">
    <frame src="right.html" name="rightFrame">
  </frameset>
</frameset>
</html>
```

Output:

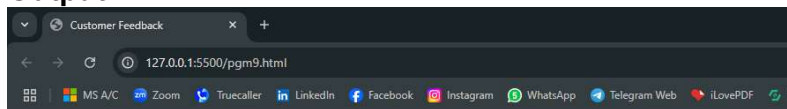


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9. Write a java script program to create dialogue boxes using alert, confirm and prompt methods

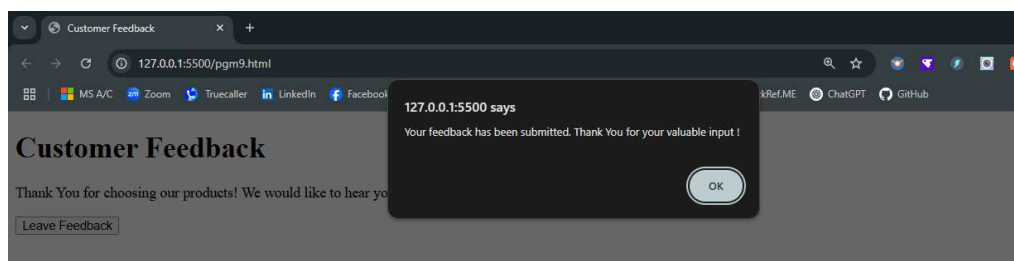
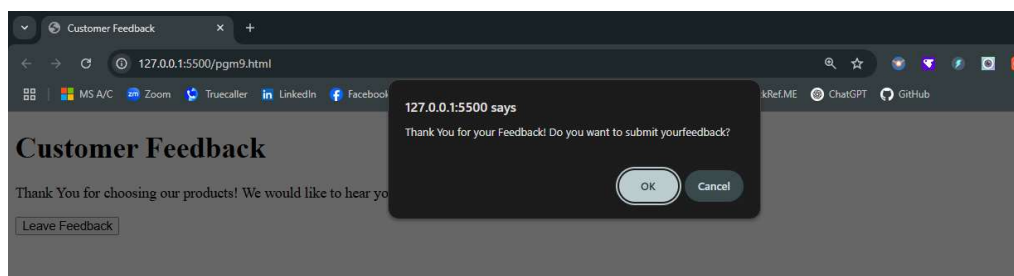
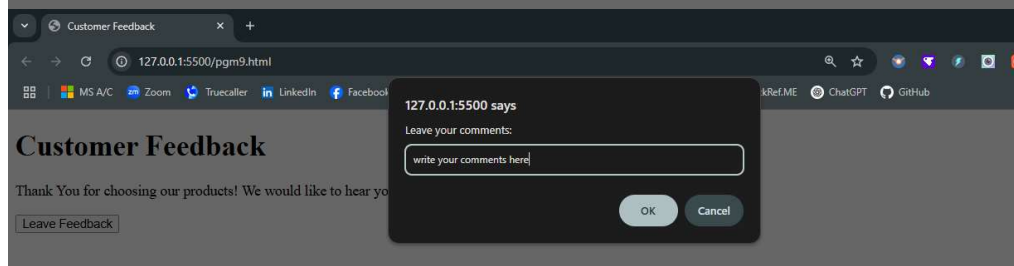
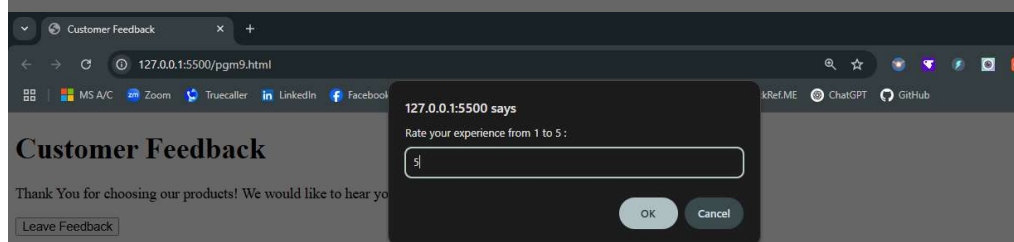
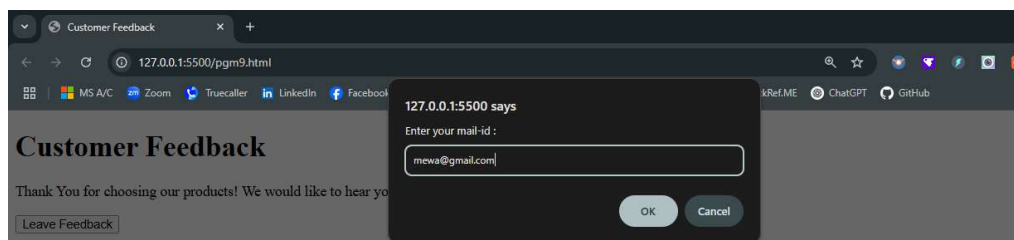
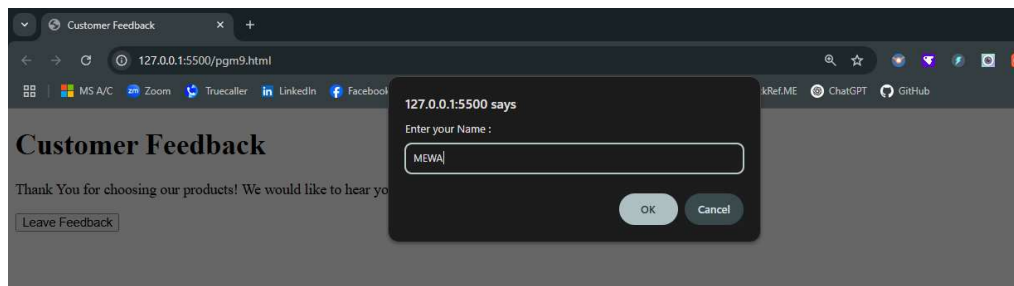
```
<!DOCTYPE html>
<html>
<head>
<title> Customer Feedback </title>
</head>
<body>
<h1> Customer Feedback </h1>
<p> Thank You for choosing our products! We would like to hear your feedback
so that we can continue to improve our services.</p>
<button onclick="showFeedbackForm()"> Leave Feedback </button>
<script>
    function showFeedbackForm()
    {
        let name = prompt("Enter your Name :");
        let email = prompt("Enter your mail-id :");
        let rating = prompt("Rate your experience from 1 to 5 :");
        let comment = prompt("Leave your comments:");
        if(name && email && rating && comment)
        {
            let result=confirm("Thank You for your Feedback! Do you want to
submit yourfeedback?");
            if(result)
            {
                alert("Your feedback has been submitted. Thank You for your
valuable input !");
            }
        }
        else
        {
            alert("Please fill in all fields to submit your feedback ");
        }
    }
</script>
</body>
</html>
```

Output:



Customer Feedback

Thank You for choosing our products! We would like to hear your feedback so that we can continue to improve our services.



10. Write a java script program on Form Validations.

```
<!DOCTYPE html>
<html>
<head>
<title>Form Validation</title>
<script>
function validateForm()
{

    event.preventDefault();
    var name = document.getElementById("name").value;
    var email = document.getElementById("email").value;
    var password = document.getElementById("password").value;
    var confirmPassword = document.getElementById("confirmPassword").value;
    var phone = document.getElementById("phone").value;

    // Name validation
    if (name == "")
    {
        alert("Please enter your name.");
        return false;
    }

    // Email validation
    var emailPattern = /^[^ ]+@[^ ]+\.[a-z]{2,3}$/;
    if (!email.match(emailPattern))
    {
        alert("Please enter a valid email.");
        return false;
    }

    // Password validation
    if (password.length < 6)
    {
        alert("Password must be at least 6 characters.");
        return false;
    }

    // Confirm password
    if (password !== confirmPassword)
    {
        alert("Passwords do not match.");
        return false;
    }

    // Phone validation
    var phonePattern = /^[0-9]{10}$/;
    if (!phone.match(phonePattern))
    {
```

```
        alert("Phone number must be 10 digits.");
        return false;
    }

    alert("Form submitted successfully!");
    return true;
}
</script>
</head>
<body>

<h2>Registration Form</h2>
<form onsubmit="return validateForm()">

    Name: <br>
    <input type="text" id="name"><br><br>

    Email: <br>
    <input type="text" id="email"><br><br>

    Password: <br>
    <input type="password" id="password"><br><br>

    Confirm Password: <br>
    <input type="password" id="confirmPassword"><br><br>

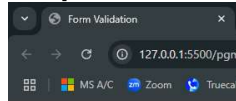
    Phone Number: <br>
    <input type="text" id="phone"><br><br>

    <input type="submit" value="Submit">
    <input type="reset" value="Reset">

</form>

</body>
</html>
```

Output:



Registration Form

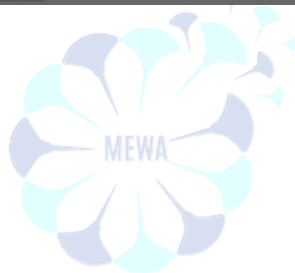
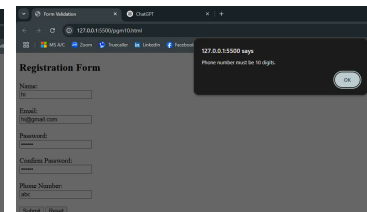
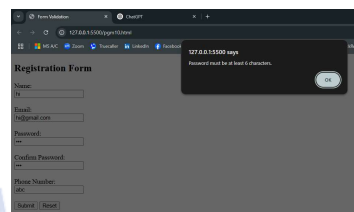
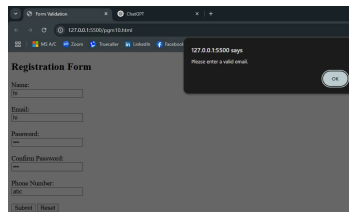
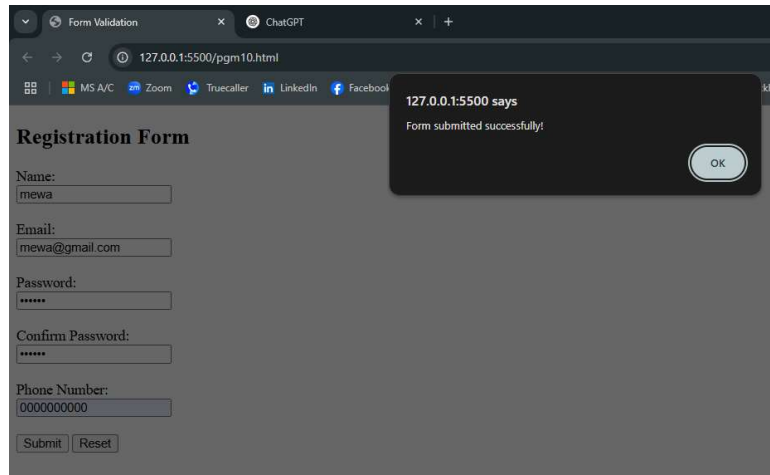
Name:

Email:

Password:

Confirm Password:

Phone Number:



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11. Write a java script program to perform four arithmetic operations: Addition, Subtraction, Multiplication and Division on two numbers.

```
<!DOCTYPE html>
<html>
<head>
  <title>Arithmetic Operations</title>
  <script>
    function calculate(operation)
    {
      var num1 = parseFloat(document.getElementById("num1").value);
      var num2 = parseFloat(document.getElementById("num2").value);
      var result;

      if (isNaN(num1) || isNaN(num2))
      {
        alert("Please enter valid numbers.");
        return;
      }

      switch(operation)
      {
        case 'add':
          result = num1 + num2;
          break;
        case 'subtract':
          result = num1 - num2;
          break;
        case 'multiply':
          result = num1 * num2;
          break;
        case 'divide':
          if (num2 === 0)
          {
            alert("Cannot divide by zero!");
            return;
          }
          result = num1 / num2;
          break;
      }

      document.getElementById("result").innerText = "Result: " + result;
    }
  </script>
</head>
<body>

  <h2>Arithmetic Operations</h2>
  Enter First Number: <input type="text" id="num1"><br><br>
  Enter Second Number: <input type="text" id="num2"><br><br>
```

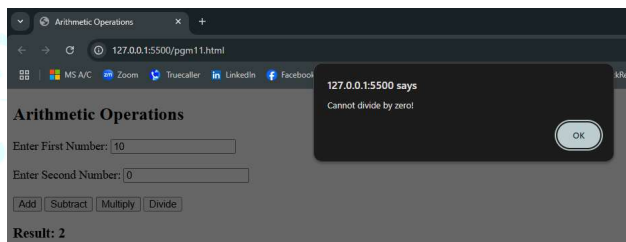
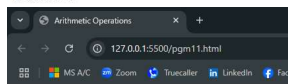
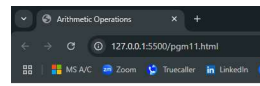
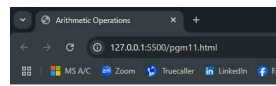
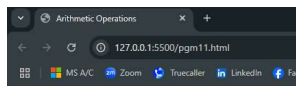
```
<button onclick="calculate('add')">Add</button>
<button onclick="calculate('subtract')">Subtract</button>
<button onclick="calculate('multiply')">Multiply</button>
<button onclick="calculate('divide')">Divide</button>
```

```
<h3 id="result">Result: </h3>
```

```
</body>
```

```
</html>
```

Output:



12. Create a web site of our College.

```
<!DOCTYPE html>
<html>
<head>
  <title>MVBS College</title>
</head>
<body>

  <h1>Welcome to Mewa Vanguard Business School</h1>

  <!-- Navigation -->
  <hr>
  <a href="#home">Home</a> |
  <a href="#about">About</a> |
  <a href="#courses">Courses</a> |
  <a href="#gallery">Gallery</a> |
  <a href="#contact">Contact</a>
  <hr><br>

  <!-- Home Section -->
  <h2 id="home">Home</h2>
  <p>Welcome to MVBS College – a place of academic excellence and
innovation.</p>

  <!-- About Section -->
  <h2 id="about">About Us</h2>
  <p>MVBS offers undergraduate and postgraduate programs with a focus on holistic
development and career readiness.</p>

  <!-- Courses Section -->
  <h2 id="courses">Courses</h2>
  <ul>
    <li>BCA - Bachelor of Computer Applications</li>
    <li>BBA - Bachelor of Business Administration</li>
    <li>MBA - Master of Business Administration</li>
  </ul>

  <!-- Gallery Section -->
  <h2 id="gallery">Gallery</h2>
  
  

  <!-- Contact Section -->
  <h2 id="contact">Contact Us</h2>
  <p>Email: mvbs.in</p>
  <p>Phone: 123-456-7890</p>
  <p>Address: East End Main Road, Jayanagar 9th block, Bangalore 560069 </p>

  <br><hr>
```

<p>© 2025 MVBS College</p>

</body>

</html>

Output:

