

**LAB ASSESMENT 3**

3. Design the webpage with the types of Cascading style sheets (CSS)

– internal style



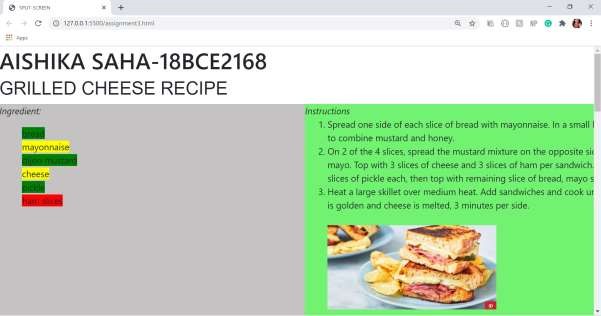
-External style



-inline style



Using CSS and HTML create a webpage that has two columns. Each column should use half of the width of the page. The left half should have a light grey background and the right half should have a light green background. The webpage right column should show the recipe for grilled cheese sandwiches with bacon and tomato. The ingredients should be displayed in left column as an unordered list, with no bullets. meat ingredients should have a light red background colour, vegetables should have a light green background, and dairy products should have a light yellow. The title should be in a sans serif font of your choice, and the instructions should have a heading “Instructions” and the font for the instructions should be italic.



**HTML ATTRIBUTES**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| style | html | head | meta | title |
| h1 | link | h2 | body | div |
| p | ul | li | ol | img |
| span |  |  |  |  |

**CSS ATTRIBUTE**

|  |  |  |  |
| --- | --- | --- | --- |
| **height** | **width** | **background** | **size** |
| **Font style** | **Font family** |  |  |

**CODE:**

**HTML**

<!DOCTYPE html>

<html> <style> ul.a {

|  |
| --- |
| list-style-type: none;    }    }    </style>    <head>  <meta charset='utf-8'>  <meta http-equiv='X-UA-Compatible' content='IE=edge'>  <title>SPLIT-SCREEN</title>  <h1>AISHIKA SAHA-18BCE2168</h1>  <h2 style="font-family: sans-serif;">GRILLED CHEESE RECIPE</h2>  <meta name='viewport' content='width=device-width, initial-scale=1'>  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0 .0/css/bootstrap.min.css" integrity="sha384-  Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm" crossorigin= "anonymous">  <link href="webpage.css" rel="stylesheet">    </head>    <body>    <div class="row">    <div class="col no-gutters">  <div class="left">  <p style="font-style: italic;">Ingredient:</p>  <ul class="a">    <li><span class="veg">bread</span1></li>  <li><span class="dairy">mayonnaise</span></li>  <li><span class="veg">dijon mustard</span></li>  <li><span class="dairy">cheese</span></li>  <li><span class="veg">pickle</span></li>  <li ><span class="nveg">ham slices</span></li>  </ul>    </div>    </div>  <div class="col no-gutters">  <div class="right">  <a style="font-style: italic;"> Instructions </a> <ol> |
| <li>Spread one side of each slice of bread with mayonnaise . In a small bowl, stir to combine mustard and honey.</li>  <li>On 2 of the 4 slices, spread the mustard mixture on th e opposite side of the mayo. Top with 3 slices of cheese and 3 slices of ham p er sandwich. Add 4 slices of pickle each, then top with remaining slice of bre ad, mayo side out.</li>  <li>Heat a large skillet over medium heat. Add sandwiches and cook until bread is golden and cheese is melted, 3 minutes per side.</li>< br>  <img src="sandwich.JPG" width="300" height="150">  </ol>      </div>    </div>    </div>    </body>  </html> |

# CSS

|  |
| --- |
| .left, .right  { height: 2000px; width:115%;  } .left {  background:rgb(196, 194, 194);  } .right{ background: rgb(113, 243, 113);    }  .veg{ background-color: green; size: auto;  } .nveg{ background-color: red; background-size: auto;  }  .dairy{ |

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background-color: yellow; background-size: auto;

}

LAB ASSESSMENT - 4

Write a JavaScript program to validate HTML form fields in a webpage.

1. Design a Registration Webpage for an insurance company.
2. The form must contain a minimum of 10 fields.
3. Implement Java Script with regular expression to validate the following
4. For Last Name field - the last name should be dot(.) followed by single letter combination (Note: K or. N.L is allowed. Kumar or Nakul is not allowed).
5. For E-Mail ID accept only the Gmail ID.
6. With the Data of Birth input calculate the age of the person and populate it in the textbox automatically.
7. Validate the form for empty field submissions.

**TAGS USED:**

**html table**

**head** **tr**

**td input**

**script body**

**h1 form**

## CODE:

<!DOCTYPE html>

 <html>

 <head>

     <meta charset='utf-8'>

     <meta http-equiv='X-UA-Compatible' content='IE=edge'>

     <title>INSURANCE REGISTRATION</title>

     <meta name='viewport' content='width=device-width, initial-scale=1'>

     <link rel='stylesheet' type='text/css' media='screen' href='main.css'>

     <h1>AISHIKA SAHA</h1>

     <h2>18BCE2168</h2>

 </head>

 <body>

    <form id="myform" method="post">

      <div style="background-color:#4d3b9b;margin: auto 300px auto;padding: 30px;position: fixed;top: 120px;left: 200px;">

        <table style="color: white;">

          <tr>

            <td>First Name: </td>

            <td><input id="FirstName" type="text" placeholder="First Name" class="f" required></td>

          </tr>

          <tr>

            <td>Last Name: </td>

            <td><input id="LastName" type="text" placeholder="LastName" class="f" required></td>

          </tr>

          <tr>

            <td>Email: </td>

            <td><input id="Email" type="email" placeholder="Email" class="f" required></td>

          </tr>

          <tr>

            <td>Password: </td>

            <td><input id="Password" type="password" placeholder="Password" class="f" required></td>

          </tr>

          <tr>

            <td>Confirm Password: </td>

            <td><input id="checkpassword" type="password" placeholder="Confirm Password" class="f" required></td>

          </tr>

          <td>BirthDate: </td>

          <td><input id="birthdate" type="date" onblur="myage" class="f"></td>

          </tr>

          <tr>

            <td>Age: </td>

            <td><input id="age" type="text" disabled></td>

          </tr>

          <tr>

          <tr>

            <td>Address: </td>

            <td><textarea name="Address" rows="5" class="f"></textarea>

          </tr>

          <tr>

            <td>Gender: </td>

            <td>

              <input type="radio" name="gender" value="male" checked class="f"> Male

              <input type="radio" name="gender" value="female" class="f"> Female<br>

            </td>

          </tr>

          <tr>

            <td>PinCode: </td>

            <td><input id="Pincode" type="text" class="f"></td>

          </tr>

          <tr>

            <td><input id="submit" type="submit" value="Submit"></td>

            <td><input id="reset" type="reset" value="Reset"></td>

          </tr>

        </table>

      </div>

      <script type="text/javascript">

        document.getElementById("myform").onsubmit = function() {

          var email = document.getElementById("Email");

          var ef = /^([A-Za-z0-9\_\-\.])+\@([gmail|GMAIL])+\.(com)$/i;

          var lname = document.getElementById("LastName");

          var ln = /^([.]+[A-Z])$/i;

          if (!ef.test(email.value)) {

            alert("Enter Correct Email ID");

            text.focus();

          }

          if (!ln.test(lname.value)) {

            alert("Enter Correct format for Last Name");

            text.focus();

          }

          var check = document.getElementById("checkpassword");

          var pass = document.getElementById("Password");

          if (pass.value != check.value) {

            alert("Passwords Don't Match");

            text.focus();

          }

        }

        document.getElementById("birthdate").onblur = function() {

          var dateofbirth = document.getElementById("birthdate").value;

          var year = Number(dateofbirth.substring(0, 4));

          var month = Number(dateofbirth.substring(5, 7));

          var day = Number(dateofbirth.substring(7, 9));

          var today = new Date();

          var age = today.getFullYear() - year;

          if ((today.getMonth() < month) || (today.getMonth() == month && today.getDate() < day)) {

            age = age - 1;

          }

          document.getElementById("age").value = age;

        }

      </script>

    </form>

 </body>

 </html>

