WP Lab Set 1

1.html

```html
<!DOCTYPE html>
<html>
<head>
    <title>basic html tags</title>
</head>
<body>
    <marquee behavior="scorll" direction="right">basic html tags</marquee>
    <h1>Basic Html Tags</h1>
    <h2>Basic Html Tags</h2>
    <h3>Basic Html Tags</h3>
    <h4>Basic Html Tags</h4>
    <h5>Basic Html Tags</h5>
    <h6>Basic Html Tags</h6>
    <p>Hello world this is me</p>
    <hr />
    <div>
        <h1>Demo</h1>
        <p>Lorem ipsum dolor sit amet consectetur, adipisicing elit. Blanditiis animi rem
exercitationem<br/> <br />tempore deserunt fuga perferendis maxime minus sunt laudantium, ad
commodi et numquam alias quibusdam ducimus architecto impedit repellat esse. Quia error quis
magni excepturi, quo labore optio voluptas dolorem! Distinctio odit, aspernatur cumque
voluptatum magni reprehenderit at cum.</p>
    </div>

</body>
</html>
```

2.html

```html
<!DOCTYPE html>
<html>
<head>
    <title>Cafeteria menu</title>
</head>
<body>
```

```html
<h1>Cafeteria Menu</h1>
<div>
    <h2>Breakfast</h2>
    <ul>
        <li>Scrambled Eggs</li>
        <li>Pancakes</li>
        <li>Bacon and Sausage</li>
    </ul>
</div>

<div>
    <h2>Lunch</h2>
    <ol>
        <li>Grilled Chicken Salad</li>
        <li>Vegetarian Wrap</li>
        <li>Spaghetti Bolognese</li>
    </ol>
</div>

<div>
    <ul>
        <li>Coffee</li>
        <li>Tea
          <ul>
            <li>Black tea</li>
            <li>Green tea</li>
          </ul>
        </li>
        <li>Milk</li>
    </ul>
</div>


</body>

</html>
```

3.html

```html
<!DOCTYPE html>
<html>
<head>
  <title>Image Page</title>
</head>
<body>
  <h1>Image Page</h1>
  <img src="./images/download.jpeg" alt="Image" id="myImage" >
  <div id="description" style="display: none;">
    <p>This is a description of the image.</p>
  </div>

<script>
  const image = document.getElementById('myImage');
  const description = document.getElementById('description');

  image.addEventListener('click', () => {
    description.style.display = 'block';
  });
</script>
</body>

</html>
```

4.html

```html
<!DOCTYPE html>
<html>

<head>
  <title>Symposium Registration</title>
</head>
```

```html
<body>

  <h1>Symposium Registration Form</h1>

  <form>


    <label >Name:</label>
    <input type="text" required><br>

    <label >College Name:</label>
    <input type="text"  required><br>

    <label >Year:</label>
    <input type="text"  required><br>

    <label>Department:</label>
    <input type="text" required><br>

    <p>Technical/Non-Technical event:</p>
    <input type="radio" required>
    <label>Technical</label>
    <input type="radio" required>
    <label >Non-Technical</label><br>

    <p>Accommodation:</p>
    <input type="checkbox">
    <label >Yes, I need accommodation</label><br>

    <p>Fee details:</p>
    <input type="checkbox">
    <label >I have paid the registration fee</label><br>

    <label >Payment Method:</label>
    <select >
```

```html
            <option >Credit Card</option>

            <option >Debit Card</option>

            <option >PayPal</option>

            <option >Bank Transfer</option>

        </select><br>


        <input type="submit">


    </form>


</body>


</html>
```

5.html

```html
<!DOCTYPE html>
<html>

<head>
  <title>Time Table</title>
  <style>
    table {
      width: 100%;
      border-collapse: collapse;
      margin-top: 20px;
    }

    th, td {
      border: 1px solid #ddd;
      padding: 10px;
      text-align: center;
    }

    .lab {
      background-color: #aaffaa;
```

```
    }

    .elective {
      background-color: #aaaaff;
    }
</style>
</head>

<body>

  <h1>Time Table</h1>

  <table cellspacing="5">

    <tr>
      <th>Time/Day</th>
      <th>Monday</th>
      <th>Tuesday</th>
      <th>Wednesday</th>
      <th>Thursday</th>
      <th>Friday</th>
    </tr>

    <tr>
      <td>8:00 AM - 10:00 AM</td>
      <td class="lab">Lab 1</td>
      <td >Math</td>
      <td class="lab" rowspan="2">Lab 2</td>
      <td >Physics</td>
      <td class="elective">Elective</td>
    </tr>




    <tr>
      <td>10:00 AM - 12:00 PM</td>
```

```html
      <td >Chemistry</td>

      <td class="elective">Elective</td>

      <td>Computer Science</td>

      <td class="lab" rowspan="2">Lab 3</td>

    </tr>


    <tr>

      <td>01:20 PM - 03:00 PM</td>

      <td >Math</td>

      <td>Computer Science</td>

      <td >Chemistry</td>

      <td>English</td>

    </tr>



  </table>


</body>


</html>
```

6.html

```html
<!DOCTYPE html>

<html ng-app="orderApp">


<head>

  <title>Order Form</title>

  <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js"></script>

</head>


<body ng-controller="OrderController">


  <h1>Order Form</h1>
```

```html
<div ng-repeat="item in items">
  <label>
    {{ item.name }}:
    <input type="number" ng-model="item.quantity" ng-change="updateTotal()">
  </label>
  <br>
</div>

<p>Total Price: ${{ total }}</p>

<script>
  var app = angular.module('orderApp', []);

  app.controller('OrderController', function ($scope) {
    $scope.items = [
      { name: 'Item A', price: 10, quantity: 0 },
      { name: 'Item B', price: 20, quantity: 0 },
      { name: 'Item C', price: 15, quantity: 0 }
    ];

    $scope.total = 0;
    $scope.updateTotal = function () {
      $scope.total = $scope.items.reduce(function (sum, item) {
        return sum + (item.price * item.quantity);
      }, 0);
    };
  });
</script>

</body>

</html>
```

7.html

```html
<!DOCTYPE html>
<html ng-app="myApp">
<head>
    <title>Switchable Layout</title>
    <script
src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js"></script>
    <style>
      .grid {
    display: flex;
    flex-wrap: wrap;
    justify-content: space-between;
    width: 100%;
}

.grid > div {
    width: 20%;
    margin: 10px;
    padding: 10px;
    border: 1px solid #ccc;
    box-shadow: 0px 2px 5px #ccc;
}

.list {
    width: 100%;
}

.list > ul {
    list-style: none;
    padding: 0;
    margin: 0;
}

.list > ul > li {
    padding: 10px;
```

```
        border: 1px solid #ccc;
        margin-bottom: 10px;
}


    </style>
</head>
<body>
<div ng-controller="myCtrl">
    <button ng-click="toggleLayout('grid')">Grid View</button>
    <button ng-click="toggleLayout('list')">List View</button>

    <div ng-switch on="layout">
        <div ng-switch-when="grid" class="grid">
            <div ng-repeat="item in items">
                {{ item.name }} - {{ item.description }}
            </div>
        </div>


        <div ng-switch-when="list" class="list">
            <ul>
                <li ng-repeat="item in items">
                    <p>{{ item.name }}</p>
                    <p>{{ item.description }}</p>
                </li>
            </ul>
        </div>
    </div>
</div>
</body>
<script>
   angular.module('myApp', [])
.controller('myCtrl', function($scope) {
    $scope.layout = 'grid';

    $scope.items = [
        { name: 'Item 1', description: 'This is the first item.' },
```

```
        { name: 'Item 2', description: 'This is the second item.' },
        { name: 'Item 3', description: 'This is the third item.' }
    ];

    $scope.toggleLayout = function(layout) {
        $scope.layout = layout;
    };
});

</script>
</html>
```

8.html

```
<html lang="en">

<head>
  <title>Sample HTML with External Stylesheet</title>
  <link rel="stylesheet" type="text/css" href="8.css">
</head>

<body>

  <h1>This is a Heading</h1>

  <ul>
    <li>Item 1</li>
    <li>Item 2</li>
    <li>Item 3</li>
  </ul>

  <p>This is a sample paragraph in the body of the document.</p>

</body>
</html>
```

8.css

```css
body {
   font-family: 'Arial', 'Helvetica', 'Times New Roman', sans-serif;
}

li {
   font-weight: bold;
}

h1 {
   text-decoration: underline;
}

ul {
   margin-left: 20px;
}
```

9.html

```html
<!DOCTYPE html>
<html>
<head>
<title>Application for Free Product Information</title>
</head>
<body>

<h1>APPLICATION FOR FREE PRODUCT INFORMATION</h1>

<form>

<label >1. Title:</label>
  <input type="radio">Mr.</input>
  <input type="radio">Ms.</input>
```

```html
  <input type="radio">Dr.</input>
  <input type="radio">Prof.</input>
<br>

<label >2. Last Name:</label>
<input type="text" required>
<br>
<br>

<label >3. First Name:</label>
<input type="text"  required>
<br>
<br>

<label >4. Designation:</label>
<input type="text"  required>
<br>
<br>

<label >Department:</label>
<input type="text"  required>
<br>
<br>

<label >Organization:</label>
<input type="text"  required>
<br>
<br>

<label >Address:</label>
<textarea id="address" cols="50" required></textarea>
<br>
<br>

<label >5. Please indicate the product(s) you would be interested in. (Tick all the boxes that
apply).</label>
```

```html
<br>
<br>


<input type="checkbox" >
<label >Computer Systems</label>
<br>
<input type="checkbox" >
<label >Operating Systems</label>
<br>
<input type="checkbox" >
<label >Peripherals</label>
<br>
<input type="checkbox" >
<label >Graphics Software</label>
<br>
<br>


<label >1 .What is the likely period of your purchasing one or more of the above products
<br>? (Check only one box).</label>
<br>
<br>
  <input type="checkbox">Immediately</input>
  <input type="checkbox">1 to 3 months</input>
  <input type="checkbox">Within 6 months</input>
  <input type="checkbox">Within 1 year</input>
<br>
<br>


<input type="submit" >
<button >Cancel Data</button>


</form>


</body>
</html>
```

10.html

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Amazon-like Website</title>

    <!-- External Stylesheet (Cascading Style Sheets) -->
    <link rel="stylesheet" type="text/css" href="10.css">

    <!-- Internal (Embedded) Styles -->
    <style>
        body {
            font-family: 'Arial', 'Helvetica', sans-serif;
            background-color: #f5f5f5;
            color: #333;
        }

        h1 {
            color: #ff9900;
        }

        .product {
            border: 1px solid #ddd;
            padding: 10px;
            margin: 10px;
            background-color: #fff;
        }
    </style>
</head>
```

```html
<body>

    <h1>Welcome to Amazon-like Website</h1>

    <!-- Inline Styles -->
    <div style="color: #0066cc; font-size: 18px;">
        Explore our latest products and deals!
    </div>

    <div class="product">
        <h2>Product Title</h2>
        <p>Description of the product goes here.</p>
        <p>Price: $99.99</p>
    </div>

</body>

</html>
```

10.css

```css
body {
    font-family: 'Arial', 'Helvetica', sans-serif;
    background-color: #f0f0f0;
    color: #444;
}


h1 {
    color: #e44d26;
}


.product {
    border: 1px solid #ccc;
    padding: 15px;
    margin: 10px;
    background-color: #fff;
```

```
}
```

12.html

```html
<!DOCTYPE html>
<html>

<head>
    <style>
        body {
            font-family: sans-serif;
            background-image: url('background.jpg');
        }

        h1 {
            font-family: cursive;
            font-size: 32px;
            color: #0000FF;
        }

        p {
            font-size: 16px;
            text-align: justify;
        }

        a:link {
            color: #0000FF;
        }

        a:visited {
            color: #8000FF;
        }

        a:active {
            color: #FF0000;
        }
```

```
    a:hover {

        color: #00FF00;

    }

  </style>

</head>


<body>

  <h1>My Web Page</h1>


  <p>This is a paragraph of text with different font styles and colors. <a
href="https://www.google.com">Google</a> is

    an example of a link.</p>


</body>


</html>
```

14.html

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Registration Form</title>

    <script type="text/javascript">

        function validateForm() {

            var name = document.getElementById("name").value;

            var password = document.getElementById("password").value;

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

            var phone = document.getElementById("phone").value;


            if (!validateName(name)) {

                alert("Invalid name. Name must contain alphabets and be at least 15 characters
long.");
```

```javascript
            return false;
        }

        if (!validatePassword(password)) {
            alert("Invalid password. Password must be at least 8 characters long.");
            return false;
        }

        if (!validateEmail(email)) {
            alert("Invalid email address. Email must follow the pattern name@domain.com");
            return false;
        }

        if (!validatePhone(phone)) {
            alert("Invalid phone number. Phone number must be 10 digits long.");
            return false;
        }

        return true;
    }

    function validateName(name) {
        var regex = /^[a-zA-Z]+$/;
        return (regex.test(name) && name.length >= 15);
    }

    function validatePassword(password) {
        return password.length >= 8;
    }

    function validateEmail(email) {
        var regex = /^(([^<>()[\]\\.,;:\s@\"]+)(\.[^<>()[\]\\.,;:\s@\"]+)*)|(@))$/;
        return regex.test(email);
    }

    function validatePhone(phone) {
```

```html
            var regex = /^\d{10}$/;
            return regex.test(phone);
        }
    </script>
</head>
<body>
    <h1>Registration Form</h1>
    <form action="" onsubmit="return validateForm()">
        <label for="name">Name:</label>
        <input type="text" id="name" name="name" required>
        <br><br>

        <label for="password">Password:</label>
        <input type="password" id="password" name="password" required>
        <br><br>

        <label for="email">Email ID:</label>
        <input type="email" id="email" name="email" required>
        <br><br>

        <label for="phone">Phone Number:</label>
        <input type="tel" id="phone" name="phone" required>
        <br><br>

        <label for="date_of_birth">Date of Birth:</label>
        <select id="day" name="day">
            <option value="">Day</option>
            <option value="1">1</option>
            <option value="2">2</option>
            ...
            <option value="31">31</option>
        </select>
        <select id="month" name="month">
            <option value="">Month</option>
            <option value="1">January</option>
            <option value="2">February</option>
```

```html
        ...
        <option value="12">December</option>
    </select>
    <select id="year" name="year">
        <option value="">Year</option>
        <option value="">2001</option>
        <option value="">2002</option>

    </select>
    <br><br>

    <label>Languages Known:</label>
    <input type="checkbox" id="english" name="languages[]" value="English"> English
    <input type="checkbox" id="tamil" name="languages[]" value="Tamil"> Tamil
    <input type="checkbox" id="hindi" name="languages[]" value="Hindi"> Hindi
    <input type="checkbox" id="telugu" name="languages[]" value="Telugu"> Telugu
    <br><br>

    <label for="address">Address:</label>
    <textarea id="address" name="address" rows="5" cols="50"></textarea>
    <br><br>

    <input type="submit" value="Register">
    </form>
</body>
</html>
```

15.html

```html
<html>

<head>
    <title>Number to Words Converter</title>
    <script>
        function converting() {
```

```
        var num = parseInt(document.getElementById("Num").value); var result =
document.getElementById("Word");

        if (isNaN(num)) {

            result.value = "not a number";

        } else if (num < 0 || num > 999) {

            result.value = "out of range";

        } else if (num == 0) {

            result.value = "zero"

        } else {

            var words = ["", "one", "two", "three", "four", "five", "six",

                "seven", "eight", "nine", "ten",

                "eleven", "twelve", "thirteen", "fourteen", "fifteen",

                "sixteen", "seventeen", "eighteen", "nineteen"];

            var tens = ["", "", "twenty", "thirty", "forty", "fifty", "sixty", "seventy",
"eighty", "ninety"];

            if (num < 20) {

                result.value = words[num];

            } else if (num >= 20 && num < 100) {

                result.value = tens[Math.floor(num / 10)] +

                    + words[num %

                    10];

            } else {

                rem = num % 100

                result.value = words[Math.floor(num / 100)] + " " + "hundred" + " " + ((rem <
20) ? (words[num % 100]) : (tens[Math.floor(rem / 10)] + " " + words[rem % 10]));


            }

        }

    }

    </script>

</head>


<body>

    <h1>Number to Words Converter</h1>

    <p>Enter a number between 0 and 999:</p>

    <input type="text" id="Num">
```

```
    <button onclick="converting ()">Convert</button>
    <p>Result:</p>
    <input type="text" id="Word" readonly>
</body>


</html>
```