Programme	:	B.Tech.	Semester	:	Winter24-25
Course	:	BCSE203E: Web Programming Lab	Slot	:	TE1/TE2
Faculty	:	Dr. LM Jenila Livingston	Marks	:	10

Name: Sara Arora

Register no: 23BCE5036

Exercise-4

Question1

Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>HTML Form</title>
</head>
<body>
    <h2>Login</h2>
    <form>
        <label for="username">Username*:</label><br>
        <input type="text" id="username" name="username" required><br><br>

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

        <label>Gender*:</label><br>
        <input type="radio" id="male" name="gender" value="Male" required>
        <label for="male">Male</label><br>
        <input type="radio" id="female" name="gender" value="Female" required>
        <label for="female">Female</label><br><br>

        <label>Programming Skill:</label><br>
        <input type="checkbox" id="java" name="skill" value="Java">
        <label for="java">Java</label>
        <input type="checkbox" id="cpp" name="skill" value="C++">
        <label for="cpp">C++</label>
        <input type="checkbox" id="csharp" name="skill" value="C#">
        <label for="csharp">C#</label><br><br>

        <label for="fruit">Fruit:</label><br>
        <select id="fruit" name="fruit">
            <optgroup label="Pome">
                <option value="apple">Apples</option>
                <option value="pear">Pears</option>
            </optgroup>
            <optgroup label="Citrus">
```

```html
            <optgroup label="Citrus">
                <option value="orange">Oranges</option>
                <option value="grapefruit">Grapefruits</option>
                <option value="mandarins">Mandarins</option>
                <option value="lime">Limes</option>
            </optgroup>
            <optgroup label="Stone">
                <option value="nectarines">Nectarines</option>
                <option value="apricots">Apricots</option>
                <option value="peaches">Peaches</option>
                <option value="plums">Plums</option>
            </optgroup>
            <optgroup label="Exotic">
                <option value="banana">Bananas</option>
                <option value="mango">Mangoes</option>
            </optgroup>
            <optgroup label="Berries">
                <option value="strawberries">Strawberries</option>
                <option value="blueberries">Blueberries</option>
                <option value="kiwifruit">Kiwi Fruit</option>
                <option value="passionfruit">Pasion Fruit</option>
                <option value="raspberries">Raspberries</option>
            </optgroup>
            <optgroup label="Melons">
                <option value="watermelon">Watermelon</option>
                <option value="rockmelon">Rockmelons</option>
                <option value="honeydew">Honeydew Melons</option>
            </optgroup>
        </select><br><br>

        <label for="comment">Enter your comment here:</label><br>
        <textarea id="comment" name="comment" rows="4" cols="50"></textarea><br><br>
```

```html
        </select><br><br>

        <label for="comment">Enter your comment here:</label><br>
        <textarea id="comment" name="comment" rows="4" cols="50"></textarea><br><br>

        <button type="submit">SEND</button>
        <button type="reset">RESET</button>
    </form>
</body>
</html>
```

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>23BCE5036</title>
</head>
<body>
    <h2>Login</h2>
    <form>
```

```html
<label for="username">Username*:</label><br>

<input type="text" id="username" name="username" required><br><br>


<label for="password">Password*:</label><br>

<input type="password" id="password" name="password" required><br><br>


<label>Gender*:</label><br>

<input type="radio" id="male" name="gender" value="Male" required>

<label for="male">Male</label><br>

<input type="radio" id="female" name="gender" value="Female" required>

<label for="female">Female</label><br><br>


<label>Programming Skill:</label><br>

<input type="checkbox" id="java" name="skill" value="Java">

<label for="java">Java</label>

<input type="checkbox" id="cpp" name="skill" value="C++">

<label for="cpp">C++</label>

<input type="checkbox" id="csharp" name="skill" value="C#">

<label for="csharp">C#</label><br><br>


<label for="fruit">Fruit:</label><br>

<select id="fruit" name="fruit">

  <optgroup label="Pome">

    <option value="apple">Apples</option>

    <option value="pear">Pears</option>

  </optgroup>

  <optgroup label="Citrus">

    <option value="orange">Oranges</option>

    <option value="grapefruit">Grapefruits</option>

    <option value="mandarins">Mandarins</option>

    <option value="lime">Limes</option>
```

```html
      </optgroup>

      <optgroup label="Stone">

        <option value="nectarines">Nectarines</option>

        <option value="apricots">Apricots</option>

        <option value="peaches">Peaches</option>

        <option value="plums">Plums</option>

      </optgroup>

      <optgroup label="Exotic">

        <option value="banana">Bananas</option>

        <option value="mango">Mangoes</option>

      </optgroup>

      <optgroup label="Berries">

        <option value="strawberries">Strawberries</option>

        <option value="blueberries">Blueberries</option>

        <option value="kiwifruit">Kiwi Fruit</option>

        <option value="passionfruit">Pasion Fruit</option>

        <option value="raspberries">Raspberries</option>

      </optgroup>

      <optgroup label="Melons">

        <option value="watermelon">Watermelon</option>

        <option value="rockmelon">Rockmelons</option>

        <option value="honeydew">Honeydew Melons</option>

      </optgroup>

    </select><br><br>


    <label for="comment">Enter your comment here:</label><br>

    <textarea id="comment" name="comment" rows="4" cols="50"></textarea><br><br>


    <button type="submit">SEND</button>

    <button type="reset">RESET</button>

</form>
```

```
</body>

</html>
```

Output:

Login

Username*:

Password*:

Gender*:
- ○ Male
- ○ Female

Programming Skill:
☐ Java ☐ C++ ☐ C#

Fruit:
Apples ▾

Enter your comment here:

| SEND | | RESET |

Question-2

```html
Welcome          index.html ×

index.html > html > head > title
1    <!DOCTYPE html>
2    <html lang="en">
3    <head>
4        <meta charset="UTF-8">
5        <meta name="viewport" content="width=device-width, initial-scale=1.0">
6        <title>23BCE5036</title>
7        <style>
8            h3 {
9                color: red;
10           }
11           label {
12               display: inline-block;
13               width: 150px;
14               margin-bottom: 10px;
15           }
16       </style>
17   </head>
18   <body>
19       <h3>Personal Details</h3>
20       <form>
21           <label for="name">Name:</label>
22           <input type="text" id="name" name="name" required><br>
23
24           <label for="password">Password:</label>
25           <input type="password" id="password" name="password" required><br>
26
27           <label for="email">E-mail id:</label>
28           <input type="email" id="email" name="email" required><br>
29
30           <label>Gender:</label>
31           <input type="radio" id="male" name="gender" value="Male" required>
32           <label for="male" style="display:inline;">Male</label>
33           <input type="radio" id="female" name="gender" value="Female" required>
34           <label for="female" style="display:inline;">Female</label><br>
35
36           <label for="dob">DOB:</label>
37           <input type="date" id="dob" name="dob" required><br>
```

```html
        <input type="date" id="dob" name="dob" required><br>

        <label for="mobile">Mobile#:</label>
        <input type="tel" id="mobile" name="mobile" required><br>

        <h3>Educational Qualification</h3>
        <label for="degree">Degree:</label>
        <select id="degree" name="degree">
            <optgroup label="UG">
                <option value="BE">BE</option>
                <option value="BTech">BTech</option>
                <option value="BSc">BSc</option>
                <option value="BA">BA</option>
                <option value="BCA">BCA</option>
                <option value="BBA">BBA</option>
                <option value="Others">Others</option>
            </optgroup>
            <optgroup label="PG">
                <option value="ME">ME</option>
                <option value="MTech">MTech</option>
                <option value="MSc">MSc</option>
                <option value="MA">MA</option>
                <option value="MCA">MCA</option>
                <option value="MBA">MBA</option>
                <option value="Others">Others</option>
            </optgroup>
            <optgroup label="PhD">
                <option value="Engineering">Engineering</option>
                <option value="Science">Science</option>
                <option value="Management">Management</option>
                <option value="Others">Others</option>
            </optgroup>
        </select><br>

        <label for="group">Engineering:</label>
        <select id="group" name="group">
            <option value="CSE">CSE</option>
            <option value="ECE">ECE</option>
            <option value="EEE">EEE</option>
            <option value="CIVIL">CIVIL</option>
            <option value="MECH">MECH</option>
        </select><br>

        <label>Hobbies:</label>
        <input type="checkbox" id="chess" name="hobby" value="Playing Chess">
        <label for="chess" style="display:inline;">Playing Chess</label>
        <input type="checkbox" id="books" name="hobby" value="Reading Books">
        <label for="books" style="display:inline;">Reading Books</label><br>

        <label for="color">Favourite Color:</label>
        <input type="color" id="color" name="color"><br>

        <label for="address">Address:</label><br>
        <textarea id="address" name="address" rows="4" cols="50"></textarea><br>

        <label for="resume">Attach Resume:</label>
        <input type="file" id="resume" name="resume"><br><br>

        <button type="submit">Submit</button>
    </form>
</body>
</html>
```

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>23BCE5036</title>
    <style>
      h3 {
        color: red;
      }
      label {
        display: inline-block;
        width: 150px;
        margin-bottom: 10px;
      }
    </style>
</head>
<body>
    <h3>Personal Details</h3>
    <form>
      <label for="name">Name:</label>
      <input type="text" id="name" name="name" required><br>


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


      <label for="email">E-mail id:</label>
      <input type="email" id="email" name="email" required><br>


      <label>Gender:</label>
      <input type="radio" id="male" name="gender" value="Male" required>
```

```html
<label for="male" style="display:inline;">Male</label>
<input type="radio" id="female" name="gender" value="Female" required>
<label for="female" style="display:inline;">Female</label><br>


<label for="dob">DOB:</label>
<input type="date" id="dob" name="dob" required><br>


<label for="mobile">Mobile#:</label>
<input type="tel" id="mobile" name="mobile" required><br>


<h3>Educational Qualification</h3>
<label for="degree">Degree:</label>
<select id="degree" name="degree">
   <optgroup label="UG">
      <option value="BE">BE</option>
      <option value="BTech">BTech</option>
      <option value="BSc">BSc</option>
      <option value="BA">BA</option>
      <option value="BCA">BCA</option>
      <option value="BBA">BBA</option>
      <option value="Others">Others</option>
   </optgroup>
   <optgroup label="PG">
      <option value="ME">ME</option>
      <option value="MTech">MTech</option>
      <option value="MSc">MSc</option>
      <option value="MA">MA</option>
      <option value="MCA">MCA</option>
      <option value="MBA">MBA</option>
      <option value="Others">Others</option>
   </optgroup>
```

```html
    <optgroup label="PhD">

      <option value="Engineering">Engineering</option>

      <option value="Science">Science</option>

      <option value="Management">Management</option>

      <option value="Others">Others</option>

    </optgroup>

</select><br>


<label for="group">Engineering:</label>

<select id="group" name="group">

   <option value="CSE">CSE</option>

   <option value="ECE">ECE</option>

   <option value="EEE">EEE</option>

   <option value="CIVIL">CIVIL</option>

   <option value="MECH">MECH</option>

</select><br>


<label>Hobbies:</label>

<input type="checkbox" id="chess" name="hobby" value="Playing Chess">

<label for="chess" style="display:inline;">Playing Chess</label>

<input type="checkbox" id="books" name="hobby" value="Reading Books">

<label for="books" style="display:inline;">Reading Books</label><br>


<label for="color">Favourite Color:</label>

<input type="color" id="color" name="color"><br>


<label for="address">Address:</label><br>

<textarea id="address" name="address" rows="4" cols="50"></textarea><br>


<label for="resume">Attach Resume:</label>

<input type="file" id="resume" name="resume"><br><br>
```
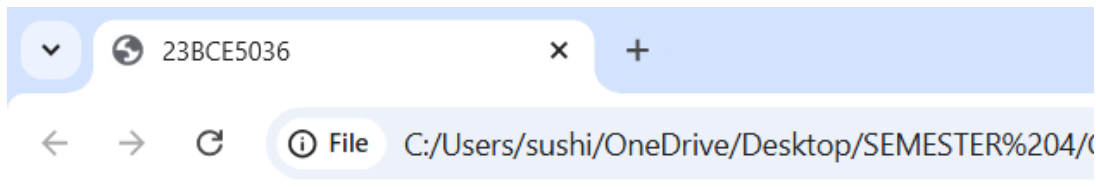
```
        <button type="submit">Submit</button>

    </form>

</body>

</html>
```

Output:

Personal Details

Name:

Password:

E-mail id:

Gender: ○ Male ○ Female

DOB: dd-mm-yyyy 🗓

Mobile#:

Educational Qualification

Degree: BE ⌄

Engineering: CSE ⌄

Hobbies: ☐ Playing Chess ☐ Reading Books

Favourite Color: ▮

Address:

Attach Resume: Choose File No file chosen

Submit

Question-3
Code:

```
<> index.html > ...
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4       <meta charset="UTF-8">
5       <meta name="viewport" content="width=device-width, initial-scale=1.0">
6       <title>Feedback Form</title>
7       <script>
8           function updateTotal() {
9               const quality = parseInt(document.getElementById("quality").value) || 0;
10              const value = parseInt(document.getElementById("value").value) || 0;
```

```
 6        <title>Feedback Form</title>
 7        <script>
 8            function updateTotal() {
 9                const quality = parseInt(document.getElementById("quality").value) || 0;
10                const value = parseInt(document.getElementById("value").value) || 0;
11                const usability = parseInt(document.getElementById("usability").value) || 0;
12                const total = quality + value + usability;
13                document.getElementById("total").value = total;
14            }
15        </script>
16    </head>
17    <body>
18        <h3>Product Feedback</h3>
19        <form oninput="updateTotal()">
20            <label for="quality">Quality:</label>
21            <input type="range" id="quality" name="quality" min="0" max="10" value="5"><br>
22
23            <label for="value">Value for Money:</label>
24            <input type="range" id="value" name="value" min="0" max="10" value="5"><br>
25
26            <label for="usability">Usability:</label>
27            <input type="range" id="usability" name="usability" min="0" max="10" value="5"><br>
28
29            <label for="total">Total Score:</label>
30            <output id="total">15</output><br><br>
31
32            <button type="submit">Submit</button>
33        </form>
34    </body>
35    </html>
36
```

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>23BCE5036 </title>

  <script>

    function updateTotal() {

      const quality = parseInt(document.getElementById("quality").value) || 0;

      const value = parseInt(document.getElementById("value").value) || 0;

      const usability = parseInt(document.getElementById("usability").value) || 0;

      const total = quality + value + usability;

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

    }

  </script>

</head>

<body>

```
<h3>Product Feedback</h3>

<form oninput="updateTotal()">

    <label for="quality">Quality:</label>

    <input type="range" id="quality" name="quality" min="0" max="10" value="5"><br>


    <label for="value">Value for Money:</label>

    <input type="range" id="value" name="value" min="0" max="10" value="5"><br>


    <label for="usability">Usability:</label>

    <input type="range" id="usability" name="usability" min="0" max="10" value="5"><br>


    <label for="total">Total Score:</label>

    <output id="total">15</output><br><br>


    <button type="submit">Submit</button>

  </form>

</body>

</html>
```
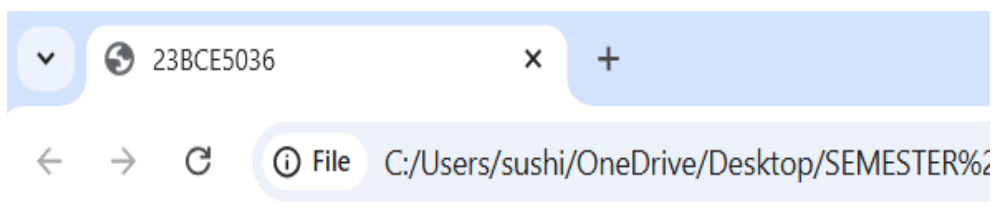
Product Feedback

Quality: [range slider]
Value for Money: [range slider]
Usability: [range slider]
Total Score: 15

[Submit]