Ex. No. 2	Working with HTML5 Form and Media Elements
Date of Exercise	17-12-2022

Aim

Build a site that conforms to HTML5 standards and has the following elements: doctype, html, meta (in the revised html5 format), title, body, head, div, p, headings, image, anchor, table, audio, video, iframe form, input, select, progress, fieldset, label, html comment.

Description

<audio>	Defines sound content
<source>	Defines multiple media resources for media elements (<video>, <audio> and <picture>)
<track>	Defines text tracks for media elements (<video> and <audio>)
<video>	Defines a video or movie
<a>	Defines a hyperlink
<form>	Defines an HTML form for user input
<input>	Defines an input control
<textarea>	Defines a multiline input control (text area)
<button>	Defines a clickable button
<select>	Defines a drop-down list
<optgroup>	Defines a group of related options in a drop-down list
<option>	Defines an option in a drop-down list
<label>	Defines a label for an <input> element
<fieldset>	Groups related elements in a form
<legend>	Defines a caption for a <fieldset> element
<datalist>	Specifies a list of pre-defined options for input controls
<output>	Defines the result of a calculation

Program

1) Index.html

```
<!DOCTYPE html>
<html>
<head>
<title>Web Technology Experiment-2</title>
```

```
</head>
<style>
.header{
background:rgb(12, 240, 244);
text-align: center;
font-size: 30px;
font-weight:bold;
height: 50px;
width:100%;
padding: 25px;
}
body{
background-image:url("background.jpg");
background-size: cover;
background-position: center;
}
.menu-bar{
background: hsl(0, 8%, 79%);
text-align: center;
width: 100%;
}
.menu-bar ul{
display: inline-flex;
list-style: none;
color:black;
}
.menu-bar ul li{
   width: 220px;
   padding: 5px;
}
.menu-bar ul li a{
   text-decoration: none;
   color: black;
   font-weight: bold;
}
.menu-bar ul li:hover
{
background: rgba(236, 215, 27, 0.589);
border-radius:4px;
}
.footer
{
text-align: center;
```

```
padding: 30px;
background-color:black;
color: rgb(255, 255, 255);
height: 130px;
}
div h2{
   color: white;
}
div label{
   color: white;
}

</style>
<body>
<div class="header"><img src="download.png" width="50px"
height="50px">  CAKE WORLD</div>
<div class="menu-bar">
<ul>
<li><a href="#">Home</a></li>
<li><a href="#">About</a></li>
<li><a href="#">Clients</a></li>
<li><a href="#">Training</a></li>
<li><a href="#">Contact</a></li>
</ul>
</div>
<video style="margin-left:44%;margin-top:2%" width="720" height="440"
controls>
<source src="cake.mp4" type="video/mp4">
</video>
<div style="margin-left: 10%;margin-top:-20%;">
<h2>Sign up</h2>
<label for="name">USERNAME  </label><input type="name" name="name"
placeholder="Username"><br><br>
<label for="pd">PASSWORD  </label><input type="password" name="pd"
placeholder="password"><br><br>
<button class="btnn"><a href="ex2(form).html" target="_blank">Register</a></button>
</div>
<audio style="margin-left: 69%;margin-top:10%" controls>
   <source src="sound.ogg" type="audio/ogg">
   </audio>
<p style="color:white;margin-left:7%;"><br>
   <br>
```

Our adventure started with one humble shop in Chennai, tamilnadu.
Then,developed to more than one thousand areas all through the tamilnadu under the moving vision of our owner.

From that point forward, our family has joined their long periods of involvement with the vision of a network of
 cooperative shop proprietors, providers, and different accomplices cooperating to make a brand name in the market to
 develop their business to what it is today.

So as to accomplish this, the family offers establishments to growing business visionaries and merchants joining
 forces with them to guarantee achievement and perfection. . We bake happiness for you in the face of cake. Let us deliver sweetness in your lives
</p>

<footer class="footer">
<p>2Sai Swaroop Apartments, Valluvar Salai,
 Azhakapuri Nagar, Ramapuram, Chennai,
 Tamil Nadu-600089</p>
EMAIL: dhanushkb20@karunya.edu.in
PHONE: 9025321821
<p class="map" style="margin-left:55%;margin-top: -9%;"><iframe src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d248818.67579019564!2d79.94292063281249!3d12.9851637!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x3a5261712f5259c9%3A0x6773fa31b259ade6!2sThe%20Cake%20World!5e0!3m2!1sen!2sin!4v1671212472202!5m2!1sen!2sin" width="250" height="130" style="border:0;" allowfullscreen="" loading="lazy" referrerpolicy="no-referrer-when-downgrade"></iframe></p>
</footer>
</body>
</html>
Form.html
<!DOCTYPE html>

<head>

<title>Document</title>

</head>

<body style="background-color: aqua;">

<h1 align="center">Resume Form</h1>

<form style="text-align: justify;">

```
<fieldset>

<legend align="center">Personal details</legend>

<p align="center">

<label for="fname">First Name:      </label>

<input type="text"id="fname" required></p>

<p align="center">

<label for="mname">Middle Name:  </label>

<input type="text"id="mname" required></p>

<p align="center">

<label for="lname">Last Name:      </label>

<input type="text"id="lname" required></p>

<p align="center">

<label for="dob">Date of Birth:  </label>

<input type="date"id="dob" required></p>

<p align="center">

<label for="age">Age in Years:  </label>

<input type="number"id="age"placeholder="" required></p>

<p align="center">

Gender:<input type="radio"id="male"name="gender">

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

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

<label for="female">Female</label></p></fieldset>

<fieldset>

<legend align="center">Address details</legend>
```

```
<address align="center">

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

<input type="Address"id="message" required></address>

<p align="center">

<label for="city">City/Town:    </label>

<input type="text"id="city" required></p>

<p align="center">

<label
for="state">State:           
 </label>

<input type="text"id="state" required></p>

<p align="center">

<label for="Zip code">Date of Birth:</label>

<input type="number"id="Zip code" required></p>

</fieldset>

<fieldset>

<legend align="Center">Contact information</legend>

<p align="center">

<label for="Telephone">Telephone:</label>

<input type="tel"id="Phone" required></p>

<p align="center">

<label for="Phone">Mobile:     </label>

<input type="tel"id="phone" required></p>

<p align="center">

<label for="Email">Email:       </label>
```

```
<input type="email"id="email" required></p>

<p align="center">

<label for="website">website:    </label>

<input type="url"id="website" required></p></fieldset>

<fieldset>

<legend align="center">Educational Details</legend>

<table border="3"align="center">

<tr bgcolor="#cccccc">

<th>Qualification</th>

<th>Board/University</th>

<th>Country</th>

<th>Starting Years</th>

<th>Ending Year</th>

<th>Percentage</th></tr>

<tr>

<td style="background-color: white;"><input type="checkbox">10th</td>

<td><input type="text"placeholder="Borad/University" required></td>

<td>

<select name="country"id="country">

<option value="choose">Choose</option>

<option value="India">India</option>

<option value="England">England</option>

<option value="South Africa">South Africa</option>

<option value="Australia">Australia</option>
```

```
</select>

</td>

<td><input type="date"></td>

<td><input type="date"></td>

<td><input type="number"placeholder="in %" required></td>

</tr>

<tr bgcolor="white">

<td bgcolor="white"><input type="checkbox">12th</td>

<td bgcolor="white"><input

type="text"placeholder="Borad/University"></td>

<td bgcolor="white">

<select name="country"id="country">

<option value="choose">Choose</option>

<option value="India">India</option>

<option value="England">England</option>

<option value="South Africa">South Africa</option>

<option value="Australia">Australia</option></select>

</td>

<td bgcolor="white"><input type="date"></td>

<td bgcolor="white"><input type="date"></td>

<td bgcolor="white"><input

type="number"placeholder="in %"></td></table>

</fieldset>

<fieldset>
```
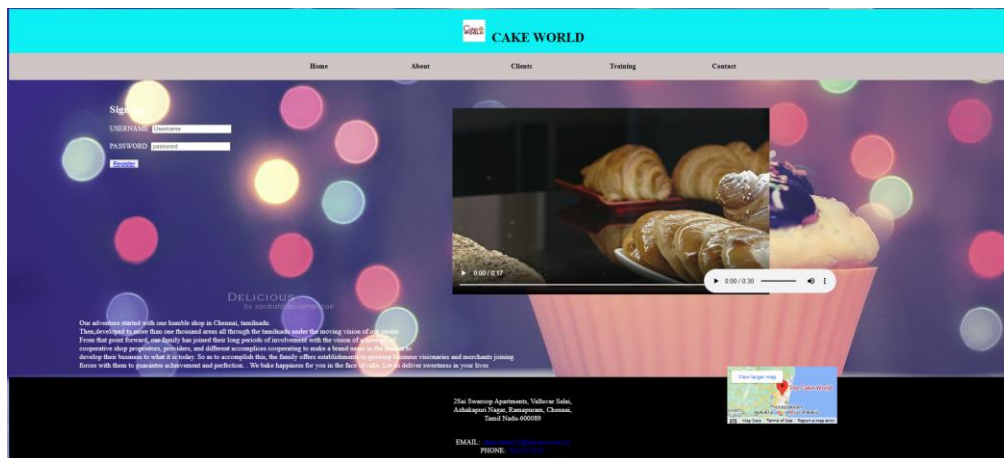
<p align="center">Attach your Resume in .doc or .pdf format:<input

type="file"name="resume"></p>

<p align="center"><input type="checkbox">I fill all the

details</p></fieldset>

<p align="center">

<input type="submit"name="send details" required></p>

</form>

</body>

</html>

Output Screenshots

1) Index.html

2) Form.html

Resume Form

Personal details

First Name:	
Middle Name:	
Last Name:	
Date of Birth:	dd-mm-yyyy
Age in Years:	
Gender: ○ Male ○ Female	

Address details

Address:	
City/Town:	
State:	
Date of Birth:	

Contact information

Telephone:	
Mobile:	
Email:	
website:	

Educational Details

Qualification	Board/University	Country	Starting Years	Ending Year	Percentage
☐ 10th	Borad/University	Choose ⌄	dd-mm-yyyy	dd-mm-yyyy	in %
☐ 12th	Borad/University	Choose ⌄	dd-mm-yyyy	dd-mm-yyyy	in %

Attach your Resume in .doc or .pdf format: Choose File No file chosen

☐ I fill all the details

Result

The website is built with HTML successfully.