**WEEK-5**

**AIM*: Developing forms for the website.***

**THEORY:**

***5.1: The <form> Element***

The HTML <form> element defines a form that is used to collect user input. An HTML form contains form elements.

Form elements are different types of input elements, like text fields, checkboxes, radio buttons, submit buttons, and more.

***5.2: The <input> Element***

The <input> element is the most important form element.

The <input> element can be displayed in several ways, depending on the **type** attribute.

Here are some examples:

|  |  |
| --- | --- |
| **Type** | **Description** |
| <input type="text"> | Defines a one-line text input field |
| <input type="radio"> | Defines a radio button (for selecting one of many choices) |
| <input type="submit"> | Defines a submit button (for submitting the form) |

**SOURCE CODE:**

**login.html:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<meta http-equiv="X-UA-Compatible" content="ie=edge">

<title> Form-Contact </title>

<link href="style.css" rel="stylesheet" type="text/css"/>

<script src="js/scripts.js"></script>

</head>

<body>

<br><br><br>

<center style="vertical-align: center;">

<br>

<b><h1 style="color: blue;">Contact info</h1></b>

<form name="myForm" class="form" action="conf.jsp" method="post">

<div class="form-group">

First Name: <input type="text" name="firstname" id="firstname" class="form-control" placeholder="First Name">

<br> <br>

</div>

<div class="form-group">

Last Name: <input type="text" name="lastname" id="lastname" class="form-control" placeholder="Last Name">

<br> <br>

</div>

<div class="form-group">

Email id: <input type="Email" name="email" id="email" class="form-control" placeholder=" Email Id">

<br> <br>

</div>

<div class="form-group">

<br> Gender:

<select name="gender">

<option>Male</option>

<option>Female</option>

<option>Other</option>

</select>

<br>

<br>

</div>

<div class="form-group">

Contact Number: <input type="text" name="contact" id="contact" class="form-control" placeholder=" Contact">

</div>

<center><button type="submit" class="btn btn-primary" name="submit">Submit</button></center>

</form>

</center>

<footer style="position: absolute; bottom: 0; width: 100%;">

<div>

<center>

<p>

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</p>

</center>

</div>

</footer>

<script>

function validateForm() {

var x = document.forms["myForm"]["firstname"].value;

if (x == "") {

alert("Name must be filled out");

return false;

}

}

var stre = document.forms["myForm"]["email"].value;

if (!(stre.match(/^\w+([\.-]?\w+)\*@\w+([\.-]?\w+)\*(\.\w{2,3})+$/))) {

alert("Invalid email-id");

return false;

}

</script>

</body>

</html>