**WEEK-7(a)**

**AIM*: Adding Validations to HTML forms***

**THEORY:**

***7.1: JavaScript Form Validation***

HTML form validation can be done by JavaScript.

If a form field (fname) is empty, this function alerts a message, and returns false, to prevent the form from being submitted.

***7.2: Automatic HTML validations***

HTML form validation can be performed automatically by the browser:

If a form field (fname) is empty, the required attribute prevents this form from being submitted. Automatic HTML form validation does not work in Internet Explorer 9 or earlier.

**SOURCE CODE:**

**Signup.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>

Copyright © TS. All Rights Reserved <br> Contact Us: <a href="tel:+91 9013839374">+91 9013839374</a><br>Designed & Developed by <a href="mailto:tanmay.sharma97.ts@gmail.com">ts</a>

</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>