**WEEK-7(b)**

**AIM*: Adding date and time to HTML forms***

**THEORY:**

***7.1: JavaScript Date Formats***

A JavaScript date can be written as a string: Fri Apr 06 2018 00:04:34 GMT+0530 (India Standard Time)

or as a number:1522953274257

Dates written as numbers, specifiy the number of milliseconds since January 1, 1970, 00:00:00.

***7.2: Creating Date Objects***

The Date object lets us work with dates.

A date consists of a year, a month, a day, an hour, a minute, a second, and milliseconds.

Date objects are created with the new Date() constructor.

There are 4 ways of initiating a date:

new Date()

new Date(milliseconds)

new Date(dateString)

new Date(year, month, day, hours, minutes, seconds, milliseconds)

Using new Date(), creates a new date object with the current date and time.

**SOURCE CODE:**

**Signup.html:**

<!DOCTYPE html>

<html lang="en">

<head>

<script>

var d = new Date();

document.getElementById("demo").innerHTML = d;

</script>

<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>

<div>

<p id="demo"></p>

</div>

<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>