**VALIDATING WEB FORM USING DHTML**

**AIM:**

To write the HTML codes using JAVA Script and CSS to create Client Side Scripts for Validating Web Form Controls.

**ALGORITHM:**

Step 1 : Open the notepad.

Step 2 : Create the HTML header and give the title as “WebForm”.

Step 3 : Specify the style type as “text/css”.

Step 4 : Define the properties for the Layout and Layer.

Step 5 : Specify the script type as “text/javascript”.

Step 6 : Create a function as “validate()”.

Step 7 : Specify the conditions for the form to be created using javascript.

Step 8 : Open the body of the HTML.

Step 9 : Create the division as “Layer”.

Step 10: Create a form and name it. Create a table for better alignment of the contents of the form.

Step11: Specify the requirements of the form like Name, Qualification, Date Of Birth, etc.

Step 12: Define the input type, name and id of all the required parameters.

Step 13: Create a “Submit” button and make a link to the function using onclick=“validate()”.

Step 14: Save and run the HTML file to get the output.

**PROGRAM:**

<html>

<head>

<title>Untitled Document</title>

<style type="text/css">

#Layer1 {

position:absolute;

width:1047px;

height:792px;

z-index:1;

left: 103px;

top: 80px;

}

.style1 {

color: #000099;

font-weight: bold;

background-color:#00CCFF;

}

.style2 {

color: #000099;

font-weight: bold;

background-color:#00CCFF;

}

#Layer2 {

position:absolute;

width:1040px;

height:49px;

z-index:2;

left: 59px;

top: 9px;

}

.style3 {

color: #006666;

font-weight: bold;

background-color:#E0D2F0;

}

body{

background-color:#DADADA;

}

</style>

<script type="text/javascript">

function validation()

{

if(document.validate.name.value=="")

{

alert("enter the full name")

document.validate.name.focus();

return false

}

if(!isNaN(document.validate.name.value))

{

alert("enter the valid name");

document.validate.name.focus();

document.validate.name.value="";

return false

}

if(document.validate.day.value=="0")

{

alert("enter the day")

document.validate.day.focus();

return false

}

if(document.validate.month.value=="0")

{

alert("enter the month")

document.validate.month.focus();

return false

}

if(document.validate.year.value=="0")

{

alert("enter the year")

document.validate.year.focus();

return false

}

if(document.validate.gender.value=="0")

{

alert("enter the gender")

document.validate.gender.focus();

return false

}

if(document.validate.address.value=="")

{

alert("enter the address")

document.validate.address.focus();

return false

}

if(document.validate.city.value=="")

{

alert("enter the city")

document.validate.city.focus();

return false

}

if(!isNaN(document.validate.city.value))

{

alert("enter the valid City")

document.validate.city.focus();

document.validate.city.value="";

return false

}

if(document.validate.state.value=="")

{

alert("enter the state")

document.validate.state.focus();

return false

}

if(!isNaN(document.validate.state.value))

{

alert("enter the valid state")

document.validate.state.focus();

document.validate.state.value="";

return false

}

if(document.validate.pincode.value=="")

{

alert("enter the pincode ")

document.validate.pincode.focus();

return false

}

if( isNaN(document.validate.pincode.value))

{

alert("enter a valid pincode")

document.validate.pincode.focus();

return false

}

if(document.validate.pincode.value.length!=6)

{

alert("please enter the valid pincode")

document.validate.pincode.focus();

return false

}

if(document.validate.address.value=="")

{

alert("enter the address")

document.validate.address.focus();

return false

}

if(document.validate.email.value=="")

{

alert("enter the email id")

document.validate.email.focus();

return false

}

if(!(document.validate.email.value==""))

{

var x=document.validate.email.value

var atpos=x.indexOf("@");

var dotpos=x.lastIndexOf(".");

if (atpos<1 || dotpos<atpos+2 || dotpos+2>=x.length)

{

alert("Not a valid e-mail address");

document.validate.email.focus();

return false;

}

}

if(document.validate.mobile.value=="")

{

alert("enter the mobile no")

document.validate.mobile.focus();

return false

}

if( isNaN(document.validate.mobile.value))

{

alert("enter a valid mobile no")

document.validate.mobile.focus();

document.validate.mobile.value="";

return false

}

if(document.validate.mobile.value.length !=10)

{

alert("enter the valid mobile no")

document.validate.mobile.focus();

document.validate.mobile.select();

return false

}

if(document.validate.qualification.value=="0")

{

alert("enter the qualification")

document.validate.qualification.focus();

return false

}

if(document.validate.experience.value=="0")

{

alert("enter the experience")

document.validate.experience.focus();

return false

}

if(document.validate.project.value=="")

{

alert("enter the project description")

document.validate.project.focus();

return false

}

if(document.validate.salary.value=="")

{

alert("enter the salary ")

document.validate.salary.focus();

return false

}

if( isNaN(document.validate.salary.value))

{

alert("enter a valid salary")

document.validate.salary.focus();

document.validate.salary.value="";

return false

}

}

</script>

</head>

<body>

<div id="Layer1">

<form id="validate" name="validate" method="post" action="">

<p>&nbsp;</p>

<table width="886" border="0" cellspacing="2" cellpadding="2">

<tr>

<td colspan="2"><div align="center" class="style1">Personal Details </div></td>

<td width="30" rowspan="10">&nbsp;</td>

<td colspan="2"> <div align="center" class="style2">Education and Experience </div></td>

</tr>

<tr>

<td width="111">Full Name</td>

<td width="255"><label>

<input name="name" type="text" id="name" />

</label></td>

<td width="152">Qualification</td>

<td width="217"><select name="qualification">

<option value="0">Select</option>

<option value="1">UG</option>

<option value="2">PG</option>

<option value="3">PHD</option>

</select></td>

</tr>

<tr>

<td>Date of Birth </td>

<td><select name="day">

<option value="0">Day</option>

<option value="1">1</option>

<option value="2">2</option>

<option value="3">3</option>

<option value="4">4</option>

<option value="5">5</option>

<option value="6">6</option>

<option value="7">7</option>

<option value="8">8</option>

<option value="9">9</option>

<option value="10">10</option>

<option value="11">11</option>

<option value="12">12</option>

<option value="13">13</option>

<option value="14">14</option>

<option value="15">15</option>

<option value="16">16</option>

<option value="17">17</option>

<option value="18">18</option>

<option value="19">19</option>

<option value="20">20</option>

<option value="21">21</option>

<option value="22">22</option>

<option value="23">23</option>

<option value="24">24</option>

<option value="25">25</option>

<option value="26">26</option>

<option value="27">27</option>

<option value="28">28</option>

<option value="29">29</option>

<option value="30">30</option>

<option value="31">31</option>

</select>

<select name="month">

<option value="0">Month</option>

<option value="1">Janauray</option>

<option value="2">Feburary</option>

<option value="3">March</option>

<option value="4">April</option>

<option value="5">May</option>

<option value="6">June</option>

<option value="7">July</option>

<option value="8">August</option>

<option value="9">Sepetember</option>

<option value="10">October</option>

<option value="11">November</option>

<option value="12">December</option>

</select>

<select name="year">

<option value="0">Year</option>

<option value="1">2009</option>

<option value="2">2008</option>

<option value="3">2007</option>

<option value="4">2006</option>

<option value="5">2005</option>

<option value="6">2004</option>

<option value="7">2003</option>

<option value="8">2002</option>

<option value="9">2001</option>

<option value="10">2000</option>

<option value="11">1999</option>

<option value="12">1998</option>

<option value="13">1997</option>

<option value="14">1996</option>

<option value="15">1997</option>

<option value="16">1996</option>

<option value="17">1995</option>

<option value="18">1994</option>

<option value="19">1993</option>

<option value="20">1992</option>

<option value="21">1991</option>

<option value="22">1990</option>

<option value="23">1989</option>

<option value="24">1988</option>

<option value="25">1987</option>

<option value="26">1986</option>

<option value="27">1985</option>

<option value="28">1984</option>

<option value="29">1983</option>

<option value="30">1982</option>

<option value="31">1981</option>

<option value="32">1980</option>

</select></td>

<td>Work Experience </td>

<td><select name="experience">

<option value="0">Select</option>

<option value="1">Fresher</option>

<option value="2">1 yr</option>

<option value="3">2 yrs</option>

<option value="4">3 yrs</option>

<option value="5">4 yrs</option>

<option value="6">5 yrs</option>

<option value="7">>5 yrs</option>

</select></td>

</tr>

<tr>

<td height="70">Sex</td>

<td><select name="gender" id="gender" >

<option value="0">Select Gender</option>

<option value="1">Male</option>

<option value="2">Female</option>

</select></td>

<td>Project Description </td>

<td><label>

<textarea name="project" id="project"></textarea>

</label></td>

</tr>

<tr>

<td>Address</td>

<td><label>

<textarea name="address" id="address"></textarea>

</label></td>

<td>Expected Salary P.A </td>

<td><label>

<input name="salary" type="text" id="salary" />

</label></td>

</tr>

<tr>

<td>City</td>

<td><label>

<input name="city" type="text" id="city" />

</label></td>

<td colspan="2" rowspan="5">&nbsp;</td>

</tr>

<tr>

<td>State</td>

<td><label>

<input name="state" type="text" id="state" />

</label></td>

</tr>

<tr>

<td>PinCode</td>

<td><label>

<input name="pincode" type="text" id="pincode" />

</label></td>

</tr>

<tr>

<td>Email ID</td>

<td><label>

<input name="email" type="text" id="email" />

</label></td>

</tr>

<tr>

<td>Mobile Number</td>

<td><label>

<input name="mobile" type="text" id="mobile" />

</label></td>

</tr>

<tr>

<td colspan="5"><label>

<div align="center">

<input type="submit" name="Submit" value="Submit" onclick="return validation()" />

<label>

<input type="reset" name="Submit2" value="Reset" />

</label>

</div>

</label></td>

</tr>

</table>

</form>

</div>

<div id="Layer2">

<div align="center">

<h1 class="style3">Job Registration Form </h1>

</div>

</div>

</body>

</html>