

Ex.no.5

JavaScript Form validation

Date:2.3.24

Aim:

To execute the given JavaScript form validation along with html

Algorithm:

STEP 1: Start

STEP 2: Create the needed html file using <DOCTYPE html></html>

STEP 3: Create the script tag in the body section of html

STEP 4: Inside body, create the form as per given question

STEP 4: Inside the script tags give the necessary javascript code inside in it to validate the form

STEP 5: Use document.write or alert to print the result in the web page

STEP 6: Run the code

STEP 7: Stop

Program:

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />

<style>
#container{background-color:#CCCCCC; width:500px; padding:25px; border:1px
solid #CCC; border-radius:15px;}
.tbl{padding:5px; margin-left:5px; width:450px;}
.clr{ clear:both;}
.tbl1{ float:left; margin-left:10px; width:150px;}
.san{margin-left:auto; margin-right:auto; width:500px;}
.sub{width:120px; height:30px; font-size:16px;}
</style>
<script type="text/javascript">

function san()
{
document.getElementById("register").reset();
}
function vali()
{
```

```

var name=document.register.name.value;//document.getElementById('name').value
if(name=="")
{
alert('please enter ur name');
//document.getElementById('san').innerHTML="please enter the name";
document.register.name.focus();
return false;
}
var mail=document.register.mail.value;
if(mail=="")
{
alert('please enter ur mail id');
document.register.mail.focus();
return false;
}
else
{
var ex=/^(([A-Za-z0-9_\-\.])+\@[A-Za-z0-9_\-\.]+\.[A-Za-z]{2,4})$/;
if(ex.test(mail)==false)
{
alert('please enter valid e mail id');
document.register.mail.focus()
return false;
}
}
var pass=document.register.pass.value;
if(pass=="")
{
alert('please enter your password');
document.register.pass.focus();
return false;
}
var passw=document.register.passw.value;
if(passw=="")
{
alert('Please check your confirm password');
document.register.passw.focus();
return false;
}
var mbl=document.register.mbl.value;
if(mbl=="")
{
alert('Enter the mobile number first');
document.register.mbl.focus()
return false;
}
else
{
var pra=/^([0-9]{10,12})$/;
if(pra.test(mbl)==false)

```

```

{
alert('enter valid mobile no');
document.register.mbl.focus();
return false;
}
}
var dob=document.register.dob.value;
if(dob=="")
{
alert('Enter ur date of birth');
document.register.dob.focus();
return false;
}
var address=document.register.address.value;
if(address=="")
{
alert('Enter Your Address');
document.register.address.focus();
return false;
}
var location=document.register.location.value;
if(location=="")
{
alert('choose Your Location');
document.register.location.focus();
return false;
}
}
function check()
{
var p2=document.register.passw.value;
var p1=document.register.pass.value;

if(p1!=p2)
{
alert('Please enter match password');
document.register.passw.value="";
document.register.pass.focus();
return false;
}
}

</script>

<title>The Compleate Registration form with perfect validation</title>
</head>

<body>
<div class="san">

```

```

<form name="register" action="data.php" enctype="" method="post"
onsubmit="return vali();" id="register">
<!-- container start-->
<div id="container">
<h4 style="text-decoration:underline;">The compleate Registration form with
perfect Javascript validation:</h4>
<div class="tbl" >
<div class="tbl1" align="left" >Enter Your Name</div>
<div class="tbl1" align="center" style="width:50px;" >:</div>
<div class="tbl1" ><input type="text" name="name" id="name"/></div>
<div id="san"></div>
<div class="clr"></div>
</div>
<div class="tbl">
<div class="tbl1">Enter Your Mail-ID</div>
<div class="tbl1" align="center" style="width:50px;">:</div>
<div class="tbl1"><input type="text" name="mail" /></div>
<div class="clr"></div>
</div>
<div class="tbl">
<div class="tbl1">Choose Your Gender</div>
<div class="tbl1" align="center" style="width:50px;">:</div>
<div><input type="radio" name="gender" value="male" checked="checked" />Male
<input type="radio" name="gender" value="female" />Female</div>
<div class="clr"></div>
</div>
<div class="tbl">
<div class="tbl1">Create Your password</div>
<div class="tbl1" align="center" style="width:50px;">:</div>
<div class="tbl1"><input type="password" name="pass"/></div>
<div class="clr"></div>
</div>
<div class="tbl">
<div class="tbl1">Confirm Your password</div>
<div class="tbl1" align="center" style="width:50px;">:</div>
<div class="tbl1"><input type="password" name="passw" onchange="return
check();" /></div>
<div class="clr"></div>
</div>
<div class="tbl">
<div class="tbl1">Mobile No: </div>
<div class="tbl1" align="center" style="width:50px;">:</div>
<div class="tbl1"><input type="text" name="mbl" /></div>
<div class="clr"></div>
</div>
<div class="tbl">
<div class="tbl1">choose Your Dob:</div>
<div class="tbl1" align="center" style="width:50px;">:</div>
<div class="tbl1" style="width:200px;">

```

```

<div style="float:left;">
<select name="Date">
<option value="" selected="selected">DD</option>
<option value="1">1</option>
<option value="2">2</option>
<option value="3">3</option>
<option value="4">4</option>
</select>
</div>
<div style="float:left;">
<select name="Month">
<option value="" selected="selected">MM</option>
<option value="1">1</option>
<option value="2">2</option>
<option value="3">3</option>
<option value="4">4</option>
</select>
</div>
<div style="float:left;">
<select name="Year">
<option value="" selected="selected">YYYY</option>
<option value="1999">1999</option>
<option value="2000">2000</option>
<option value="2001">2001</option>
<option value="2002">2002</option>
</select>
</div>
</div>
<div class="clr"></div>
</div>
<div class="tbl">
<div class="tbl1">Enter Your Address:</div>
<div class="tbl1" align="center" style="width:50px;">:</div>
<div class="tbl1"><textarea rows="3" cols="16" name="address"></textarea></div>
<div class="clr"></div>
</div>
<div class="tbl">
<div class="tbl1">choose Your location:</div>
<div class="tbl1" align="center" style="width:50px;">:</div>
<div class="tbl1">
<select style="width:150px;" name="location">
<option value="" selected="selected">select</option>
<optgroup label="tamilnadu">
<option value="vellore">vellore</option>
<option value="chennai">chennai</option>
<option value="nellore">nellore</option>
<option value="madurai">madurai</option>
</optgroup>
<optgroup label="karnadaka">
<option value="bangalore">bangalore</option>

```

```

<option value="nallur">nallur</option>
<option value="mysore">mysore</option>
</optgroup>
</select></div>
<div class="clr"></div>
</div><br /><br />
<div class="tbl" align="center">
<input type="submit" name="submit" class="sub" />
<input type="button" name="clear" onclick="san()" value="clear" class="sub"/>
<div class="clr"></div>
</div>
</div>
</div>
</form>
</body>
</html>

```

Outputs:

The complete Registration form with perfect Javascript validation:

Enter Your Name	:	<input type="text" value="guru"/>
Enter Your Mail-ID	:	<input type="text" value="cguru20056@gmail.com"/>
Choose Your Gender	:	<input checked="" type="radio"/> Male <input type="radio"/> Female
Create Your password	:	<input type="password" value="....."/>
Confirm Your password	:	<input type="password" value="....."/>
Mobile No:	:	<input type="text" value="9345090158"/>
choose Your Dob:	:	<input type="text" value="1"/> <input type="text" value="MM"/> <input type="text" value="YYYY"/>
Enter Your Address:	:	<input type="text"/>
choose Your location:	:	<input type="text" value="select"/>

Rubrics	Marks
Code & Output (20)	
Quiz (5)	
Timely Submission (5)	
Total (30)	
Initial	

Result:

Thus, the given form is created and validated using JavaScript and HTML.