**Lab 2: JavaScript Form Validation**

**JavaScript Form Validation Example 1**

In this example, we are going to validate the name and password. The name can’t be empty and password can’t be less than 6 characters long.

Here, we are validating the form on form submit. The user will not be forwarded to the next page until given values are correct.

<html>

<body>

<script>

function validateform(){

var name=document.myform.name.value;

var password=document.myform.password.value;

if (name==null || name==""){

alert("Name can't be blank");

return false;

}else if(password.length<6){

alert("Password must be at least 6 characters long.");

return false;

}

}

</script>

<body>

<form name="myform" method="post" action="http://www.javatpoint.com/javascriptpages/valid.jsp" onsubmit="return validateform()" >

Name: <input type="text" name="name"><br/>

Password: <input type="password" name="password"><br/>

<input type="submit" value="register">

</form>

</body>

</html>

## JavaScript Retype Password Validation Example 2

<!DOCTYPE html>

<html>

<head>

<script type="text/javascript">

function matchpass(){

var firstpassword=document.f1.password.value;

var secondpassword=document.f1.password2.value;

if(firstpassword==secondpassword){

return true;

}

else{

alert("password must be same!");

return false;

}

}

</script>

</head>

<body>

<form name="f1" action="http://www.javatpoint.com/javascriptpages/valid.jsp" onsubmit="return matchpass()">

Password:<input type="password" name="password" /><br/>

Re-enter Password:<input type="password" name="password2"/><br/>

<input type="submit">

</form>

## JavaScript Form Validation Example 3

Save the following html code “Example.html” and run it

<html>

<head>

<title>Form Validation</title>

<script type = "text/javascript">

<!--

// Form validation code will come here.

//-->

</script>

</head>

<body>

<form action = "/cgi-bin/test.cgi" name = "myForm" onsubmit = "return(validate());">

<table cellspacing = "2" cellpadding = "2" border = "1">

<tr>

<td align = "right">Name</td>

<td><input type = "text" name = "Name" /></td>

</tr>

<tr>

<td align = "right">EMail</td>

<td><input type = "text" name = "EMail" /></td>

</tr>

<tr>

<td align = "right">Zip Code</td>

<td><input type = "text" name = "Zip" /></td>

</tr>

<tr>

<td align = "right">Country</td>

<td>

<select name = "Country">

<option value = "-1" selected>[choose yours]</option>

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

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

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

</select>

</td>

</tr>

<tr>

<td align = "right"></td>

<td><input type = "submit" value = "Submit" /></td>

</tr>

</table>

</form>

</body>

</html>

**Form validation code**

<script type = "text/javascript">

<!--

// Form validation code will come here.

function validate() {

if( document.myForm.Name.value == "" ) {

alert( "Please provide your name!" );

document.myForm.Name.focus() ;

return false;

}

if( document.myForm.EMail.value == "" ) {

alert( "Please provide your Email!" );

document.myForm.EMail.focus() ;

return false;

}

if( document.myForm.Zip.value == "" || isNaN( document.myForm.Zip.value ) ||

document.myForm.Zip.value.length != 5 ) {

alert( "Please provide a zip in the format #####." );

document.myForm.Zip.focus() ;

return false;

}

if( document.myForm.Country.value == "-1" ) {

alert( "Please provide your country!" );

return false;

}

return( true );

}

//-->

</script>

**Assignment: (To be Submitted)**

Write HTML and JavaScript code for registration form with all the validations mentioned below:

