**FORM VALIDATION IN JAVASCRIPT**

**Listing 1:** Script to Validate Empty Field.

<html>

<body>

<script type='text/javascript'>

function Empty(element, AlertMessage){

if(element.value.trim()== ""){

alert(AlertMessage);

element.focus();

return false;

}

alert("Textbox Validation: Successful.")

return true;

}

</script>

<form>

Enter any value or left blank: <input type='text' id='txtBox'/>

<input type='button'

onclick="Empty(document.getElementById('txtBox'), 'Textbox is empty, Please Enter a Value')"

value='Validate Textbox' />

</form>

</body>

</html>

**Listing 2:** Email Validation script

<html>

<body>

<script type='text/javascript'>

function emailValidator(element, alertMsg){

var emailvalid = /^(([^<>()[\]\\.,;:\s@\"]+(\.[^<>()[\]\\.,;:\s@\"]+)\*)|(\".+\"))@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\])|(([a-zA-Z\-0-9]+\.)+[a-zA-Z]{2,}))$/;

if(element.value.match(emailvalid))

{

alert("Email Validation: Successful.");

return true;

}else{

alert(alertMsg);

element.focus();

return false;

}

}

</script>

<form>

Enter Your Email or put any value: <input type='text' id='emailid'/>

<input type='button'

onclick="emailValidator(document.getElementById('emailid'), 'This is Not a Valid Email')"

value='Validate Email ID' />

</form></body></html>

**Listing 3:** Validation for all letters

<html>

<body>

<script type='text/javascript'>

function onlyalphabate(element, AlertMessage){

var regexp = /^[a-zA-Z]+$/;

if(element.value.match(regexp))

{

alert("Letter Validation: Successful.");

return true;

}else{

alert(AlertMessage);

element.focus();

return false;

}

}

</script>

<form>

Please Letters Only: <input type='text' id='txtletters'/>

<input type='button'

onclick="onlyalphabate(document.getElementById('txtletters'), 'Please Enter letters only.')"

value='Validate Letter' />

</form>

</body>

</html>