

Registration:

```
<!DOCTYPE html>
```

```
<html lang="en"><head>
```

```
<meta charset="utf-8">
```

```
<title>JavaScript Form Validation using a sample registration form</title>
```

```
<meta name="keywords" content="example, JavaScript Form Validation, Sample  
registration form" />
```

```
<meta name="description" content="This document is an example of JavaScript  
Form Validation using a sample registration form. " />
```

```
<link rel="stylesheet" href="style.css">
```

```
<script src="main.js"></script>
```

```
</head>
```

```
<body onload="document.registration.userid.focus();">
```

```
<h1>Registration Form</h1>
```

Use tab keys to move from one input field to the next.

```
<form name='registration' onSubmit="return formValidation();">
```

```
<ul>
```

```
<li><label for="userid">User Name:</label></li>
```

```
<li><input type="text" name="userid" size="12" /></li><br>
```

```
<li><label for="passid">Password:</label></li>
```

```
<li><input type="password" name="passid" size="12" /></li><br>
```

```
<li><label for="username">Name:</label></li>
```

```
<li><input type="text" name="username" size="50" /></li><br>
```

```
<li><label for="address">Address:</label></li>

<li><input type="text" name="address" size="50" /></li><br>

<li><label for="country">Country:</label></li>

<li><select name="country">

<option selected="" value="Default">(Please select a country)</option>

<option value="AF">Australia</option>

<option value="AL">Canada</option>

<option value="DZ">India</option>

<option value="AS">Russia</option>

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

</select></li><br>

<li><label for="zip">ZIP Code:</label></li>

<li><input type="text" name="zip" /></li><br>

<li><label for="email">Email:</label></li><br>

<li><input type="text" name="email" size="50" /></li><br><br>

<br>

</ul>

</form>

<a href='login.html'>

<button type="button">Submit</button></a>

</body>

</html>
```

Registration.css:

```
h1 {  
margin-left: 70px;  
}  
form li {  
list-style: none;  
margin-bottom: 5px;  
}
```

```
form ul li label {  
float: left;  
clear: left;  
width: 100px;  
text-align: right;  
margin-right: 10px;  
font-family: Verdana, Arial, Helvetica, sans-serif;  
font-size: 14px;  
}
```

```
form ul li input, select, span {  
float: left;  
margin-bottom: 10px;  
}
```

```
form textarea {  
float: left;  
width: 350px;  
height: 150px;  
}
```

```
[type="submit"] {  
clear: left;  
margin: 20px 0 0 230px;  
font-size: 18px  
}
```

```
p {  
margin-left: 70px;  
font-weight: bold;  
}
```

Registartion.js:

```
function formValidation()  
{  
var uid = document.registration.userid;  
var passid = document.registration.passid;  
var uname = document.registration.username;  
var uadd = document.registration.address;
```

```
var ucountry = document.registration.country;
var uzip = document.registration.zip;
var uemail = document.registration.email;
var umsex = document.registration.msex;
var ufsex = document.registration.fsex; if(userid_validation(uid,5,12))
{
if(passid_validation(passid,7,12))
{
if(allLetter(uname))
{
if(alphanumeric(uadd))
{
if(countryselect(ucountry))
{
if(allnumeric(uzip))
{
if(ValidateEmail(uemail))
{
if(validsex(umsex,ufsex))
{
}
}
}
}
```

```
}  
}  
}  
}  
}  
return false;
```

```
function userid_validation(uid,mx,my)  
{  
var uid_len = uid.value.length;  
if (uid_len == 0 || uid_len >= my || uid_len < mx)  
{  
alert("User Id should not be empty / length be between "+mx+" to "+my);  
uid.focus();  
return false;  
}  
return true;  
}
```

```
function passid_validation(passid,mx,my)  
{  
var passid_len = passid.value.length;  
if (passid_len == 0 ||passid_len >= my || passid_len < mx)
```

```
{  
    alert("Password should not be empty / length be between "+mx+" to "+my);  
    passid.focus();  
    return false;  
}  
return true;  
}
```

```
function allLetter(uname)  
{  
    var letters = /^[A-Za-z]+$/;  
    if(uname.value.match(letters))  
    {  
        return true;  
    }  
    else  
    {  
        alert('Username must have alphabet characters only');  
        uname.focus();  
        return false;  
    }  
}
```

```
function alphanumeric(uadd)
{
var letters = /^[0-9a-zA-Z]+$/;
if(uadd.value.match(letters))
{
return true;
}
else
{
alert('User address must have alphanumeric characters only');
uadd.focus();
return false;
}
}
```

```
function countryselect(ucountry)
{
if(ucountry.value == "Default")
{
alert('Select your country from the list');
ucountry.focus();
return false;
}
```



```
else
```

```
{
```

```
return true;
```

```
}
```

```
}
```

```
function allnumeric(uzip)
```

```
{
```

```
var numbers = /^[0-9]+$/;
```

```
if(uzip.value.match(numbers))
```

```
{
```

```
return true;
```

```
}
```

```
else
```

```
{
```

```
alert('ZIP code must have numeric characters only');
```

```
uzip.focus();
```

```
return false;
```

```
}
```

```
}
```

```
function ValidateEmail(uemail)
```

```
{
```

```
var mailformat = /^\\w+([\\.-]?\\w+)*@\\w+([\\.-]?\\w+)*\\.\\w{2,3}+$/;

if(uemail.value.match(mailformat))

{
return true;
}

else

{
alert("You have entered an invalid email address!");
uemail.focus();
return false;
}
}
```

```
function validsex(umsex,ufsex)

{
x=0;


if(umsex.checked)

{
x++;
} if(ufsex.checked)

{
x++;
}
```

```
}  
if(x==0)  
{  
alert('Select Male/Female');  
umsex.focus();  
return false;  
}  
else  
{  
alert('Form Successfully Submitted');  
window.location.reload()  
return true;}  
}
```

```
function formValidation()  
{  
var uid = document.registration.userid;  
var passid = document.registration.passid;  
var uname = document.registration.username;  
var uadd = document.registration.address;  
var ucountry = document.registration.country;  
var uzip = document.registration.zip;  
var uemail = document.registration.email;
```

```
var umsex = document.registration.msex;
var ufsex = document.registration.fsex; if(userid_validation(uid,5,12))
{
if(passid_validation(passid,7,12))
{
if(allLetter(uname))
{
if(alphanumeric(uadd))
{
if(countryselect(ucountry))
{
if(allnumeric(uzip))
{
if(ValidateEmail(uemail))
{
if(validsex(umsex,ufsex))
{
}
}
}
}
}
}
}
```

```
}  
  
}  
  
return false;  
  
} function userid_validation(uid,mx,my)  
{  
var uid_len = uid.value.length;  
if (uid_len == 0 || uid_len >= my || uid_len < mx)  
{  
alert("User Id should not be empty / length be between "+mx+" to "+my);  
uid.focus();  
return false;  
}  
return true;  
}  
  
function passid_validation(passid,mx,my)  
{  
var passid_len = passid.value.length;  
if (passid_len == 0 ||passid_len >= my || passid_len < mx)  
{  
alert("Password should not be empty / length be between "+mx+" to "+my);  
passid.focus();  
return false;
```

```
}  
  
return true;  
  
}  
  
function allLetter(uname)  
{  
    var letters = /^[A-Za-z]+$/;  
    if(uname.value.match(letters))  
    {  
        return true;  
    }  
    else  
    {  
        alert('Username must have alphabet characters only');  
        uname.focus();  
        return false;  
    }  
}  
  
function alphanumeric(uadd)  
{  
    var letters = /^[0-9a-zA-Z]+$/;  
    if(uadd.value.match(letters))  
    {  
        return true;
```

```
}  
else  
{  
alert('User address must have alphanumeric characters only');  
uadd.focus();  
return false;  
}  
}  
function countryselect(ucountry)  
{  
if(ucountry.value == "Default")  
{  
alert('Select your country from the list');  
ucountry.focus();  
return false;  
}  
else  
{  
return true;  
}  
}  
function allnumeric(uzip)  
{
```

```
var numbers = /^[0-9]+$/;

if(uzip.value.match(numbers))

{

return true;

}

else

{

alert('ZIP code must have numeric characters only');

uzip.focus();

return false;

}

}

function ValidateEmail(uemail)

{

var mailformat = /^[w+([\.-]?w+)*@w+([\.-]?w+)*(\.\w{2,3})+$/;

if(uemail.value.match(mailformat))

{

return true;

}

else

{

alert("You have entered an invalid email address!");

uemail.focus();
```



```
return false;

}

} function validsex(umsex,ufsex)

{

x=0;


if(umsex.checked)

{

x++;

} if(ufsex.checked)

{

x++;

}

if(x==0)

{

alert('Select Male/Female');

umsex.focus();

return false;

}

else

{

alert('Form Succesfully Submitted');

window.location.reload()
```

```
return true;
```

```
}
```

```
}
```

Output:

Registration Form

Use tab keys to move from one input field to the next.

User Name:	<input type="text"/>
Password:	<input type="password"/>
Name:	<input type="text"/>
Address:	<input type="text"/>
Country:	<input type="text" value="(Please select a country) v"/>
ZIP Code:	<input type="text"/>
Email:	<input type="text"/>