

Code:

Login.html:

```
<html>

<head>

<title>Login Form Validation</title>

<!-- Include CSS File Here -->

<link rel="stylesheet" href="login.css"/>

<!-- Include JS File Here -->

<script src="login.js"></script>

</head>

<body>

<div class="container">

<div class="main">

<h2>Login Form Validation</h2>

<form id="form_id" method="post" name="myform">

<label>User Name :</label>

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

<label>Password :</label>

<input type="password" name="password" id="password"/><br>

<input type="button" value="Login" id="submit" onclick="validate()"/>

<p class="message">not Registered?<a
href="Registartion.html">Register</a></p>

</form>
```

</div>

</div>

</body>

</html>

Registration.html:

<!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();">

<label for="userid">User id:</label>

```
<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>
<li><input type="text" name="email" size="50" /></li><br>
<li><label id="gender">Sex:</label></li>
<li><input type="radio" name="msex" value="Male" /><span>Male</span></li>
```

```
<li><input type="radio" name="fsex" value="Female"
/><span>Female</span></li><br>

<li><label>Language:</label></li>

<li><input type="checkbox" name="en" value="en" checked
/><span>English</span></li><br>

<li><input type="checkbox" name="nonen" value="noen" /><span>Non
English</span></li><br><br><br><br><br>

</ul>

</form>

<button type="button">Submit<a href="login.html">#</a></button>

</body>

</html>
```

Login.css:

```
h2{
background-color: #FEFFED;
padding: 30px 35px;
margin: -10px -50px;
text-align:center;
border-radius: 10px 10px 0 0;
}
hr{
margin: 10px -50px;
border: 0;
```

```
border-top: 1px solid #ccc;
margin-bottom: 40px;
}
div.container{
width: 900px;
height: 610px;
margin:35px auto;
font-family: 'Raleway', sans-serif;
}
div.main{
width: 300px;
padding: 10px 50px 25px;
border: 2px solid gray;
border-radius: 10px;
font-family: raleway;
float:left;
margin-top:50px;
}
input[type=text],input[type=password]{
width: 100%;
height: 40px;
padding: 5px;
margin-bottom: 25px;
```

```
margin-top: 5px;
border: 2px solid #ccc;
color: #4f4f4f;
font-size: 16px;
border-radius: 5px;
}
label{
color: #464646;
text-shadow: 0 1px 0 #fff;
font-size: 14px;
font-weight: bold;
}
center{
font-size:32px;
}
.note{
color:red;
}
.valid{
color:green;
}
.back{
text-decoration: none;
```

```
border: 1px solid rgb(0, 143, 255);
background-color: rgb(0, 214, 255);
padding: 3px 20px;
border-radius: 2px;
color: black;
}

input[type=button]{
font-size: 16px;
background: linear-gradient(#ffbc00 5%, #ffdd7f 100%);
border: 1px solid #e5a900;
color: #4E4D4B;
font-weight: bold;
cursor: pointer;
width: 100%;
border-radius: 5px;
padding: 10px 0;
outline:none;
}

input[type=button]:hover{
background: linear-gradient(#ffdd7f 5%, #ffbc00 100%);
}
```

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;  
}
```

Login.js:

```
var attempt = 3; // Variable to count number of attempts.  
  
// Below function Executes on click of login button.  
function validate(){  
var username = document.getElementById("username").value;  
var password = document.getElementById("password").value;
```

```
if ( username == "Formget" && password == "formget#123"){  
    alert ("Login successfully");  
    window.location = "success.html"; // Redirecting to other page.  
    return false;  
}  
else{  
    attempt --; // Decrementing by one.  
    alert("You have left "+attempt+" attempt;");  
    // Disabling fields after 3 attempts.  
    if( attempt == 0){  
        document.getElementById("username").disabled = true;  
        document.getElementById("password").disabled = true;  
        document.getElementById("submit").disabled = true;  
        return false;  
    }  
}  
}
```

Registration.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:

Login Form Validation

User Name :

Password :

Login

not Registered?[Register](#)

Registration Form

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

User id:

Password:

Name:

Address:

Country:

ZIP Code:

Email:

Sex: ☐ Male ☐ Female

Language: ☒ English ☐ Non English