**WT Assignment 4**

**Validate the user registration form of Assignment 2 using JavaScript. (textboxes, radio buttons,checkboxes, dropdown). Also Validate username, password, email, phone number using pattern matching.**

<!DOCTYPE html>  
<html>  
<head>

<title>Personal Information</title>

<script type="text/javascript">

function validate()

{

//-----text boxes-------

var fname=document.getElementById("fname").value;

var lname=document.getElementById("lname").value;

//-------phone number--------

var phno=document.getElementById("pno").value;

var p=/^[789]{1}[0-9]{9}$/;

//-------radio buttons--------

var gender="";

var x=document.getElementsByName("gender");

for(i=0;i<x.length;i++)

{

if(x[i].checked==true)

gender=x[i].value;

}

//---------checkbox-----------

var qua="";

var qualification=document.getElementsByClassName("quali");

for(i=0;i<qualification.length;i++)

{

if(qualification[i].checked==true)

{

qua=qua +" "+qualification[i].value;

}

}

//--------dropdown menu----------

var st="";

var state=document.getElementById("ste");

var st=state.options[state.selectedIndex].value;

//----------Email-------------

var email=document.getElementById("eid").value;

var em\_p=/^([a-zA-Z0-9\.-]+)@([a-zA-Z0-9-]+)\.([a-z]+)(\.[a-z]+)?$/;

//-----------Password------------

var passwd=document.getElementById("pwd").value;

var ps=passwd.trim().length;

//-------username-------

var username=document.getElementById("uname").value;

var us=username.trim().length;

//--------date--------

var dt=document.getElementById("Bt").value;

//------color---------

var col=document.getElementById("cl").value;

//--------file---------

var files=document.getElementById("fe").value;

//--------seat number----------

var number=document.getElementById("Quantity").value;

//-------range--------

var range=document.getElementById("Range").value;

//------validations--------

if(fname.trim()=="")

{

alert("please enter firstname");

return false;

}

else if(lname.trim()=="")

{

alert("please enter lastname");

return false;

}

else if(phno.trim()=="")

{

alert("please enter phone number");

return false;

}

else if(p.test(phno)==false)

{

alert("invalid");

return false;

}

else if(gender=="")

{

alert("Select gender");

return false;

}

else if(qualification=="")

{

alert("Select your qualification");

}

else if(state=="")

{

alert("Select your state");

return false;

}

else if(email.trim()=="")

{

alert("enter email");

return false;

}

else if(em\_p.test(email)==false)

{

alert("email invalid");

return false;

}

else if(passwd.trim()=="")

{

alert("enter password");

return false;

}

else if(ps<6 || ps>10)

{

alert("password should be between 6 to 10 characters");

return false;

}

else if(passwd.search(/[A-Z]/)==-1)

{

alert("atleast one uppercase letter");

return false;

}

else if(passwd.search(/[a-z]/)==-1)

{

alert("Atleast 1 lowercase letter ");

return false;

}

else if(passwd.search(/[0-9]/)==-1)

{

alert("atleast 1 number");

return false;

}

else if(passwd.search(/[\.\!\?\@\#\$\-\;]/)==-1)

{

alert("atleast one symbol");

return false;

}

else if(dt.trim()=="")

{

alert("pick a date");

return false;

}

else if(col=="#000000")

{

alert("pick a color");

return false;

}

else if(files.trim()=="")

{

alert("select a file");

return false;

}

else if(number.trim()=="")

{

alert("select the number");

return false;

}

else if(range.trim()=="")

{

alert("select the range");

return false;

}

{

document.write("<br>First name "+fname+"<br>Last name "+lname+"<br>Mobile is "+phno+"<br> Gender is "+gender+"<br>Email is "+email+"<br> Qualification is "+qua+"<br>State is "+st+"<br>Username is "+username+ "<br>Password validated successfully <br>Date is "+dt+"<br> Color is "+col+"<br> File uploaded "+files+"<br> Range is "+range);

return true;

}

}

</script>

</head>

<center><body bgcolor="#E4EE8E">

<h1><center>Personal Information</center></h1>

<form onsubmit="return validate()" action="p1.html">

<label>Enter name: </label>

<input type="text" id="fname" name="fname" placeholder="Enter first name" ><br><br>

<!--<label>Name: </label>

<input type="text" id="fname" name="fname" value="Joy" readonly><br><br>-->

<label>Enter lastname: </label>

<input type="text" id="lname" name="lname" placeholder="Enter last name" ><br><br>

<label>Enter phone no: </label>

<input type="numbers" id="pno" name="pno" placeholder="Enter phone no"><br><br>

<br><h3>Select gender</h3>

<input type="radio" id="ma" name="gender" value="male">male

<br><input type="radio" id="f" name="gender" value="female">female

<br><input type="radio" id="ot" name="gender" value="others">others

<br><h3>Qualification</h3>

<input type="checkbox" id="ss" name="qual" value="SSC" class="quali"> SSC

<br><input type="checkbox" id="hs" name="qual" value="HSSC" class="quali"> HSSC

<br><input type="checkbox" id="dd" name="qual" value="DEGREE/DIPLOMA" class="quali">DEGREE/DIPLOMA

<br><br><label>Nationality: </label>

<input type="text" id="nat" name="nationality" value="Indian" disabled><br><br>

<br><br><h3>State</h3>

<label>Select your State:</label>

<select id="ste">

<option value=""></option>

<option value="Goa">Goa</option>

<option value="Maharashtra">Maharashtra</option>

<option value="Delhi">Delhi</option>

<option value="Karnataka">Karnataka</option>

</select>

<br><br><label>Enter Email address: </label>

<br><br><input type="email" id="eid" name="email" ><br><br>

<h3>Enter password and username </h3>

<label>Enter username: </label>

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

<label>Enter Password: </label><br>

<input type="Password" id="pwd" name="Password" >

<br><br><label>Enter DOB:</label>

<input type="date" id="Bt" name="Birthdate"><br>

<!--<input type="submit" name="submit"><br>-->

<br><br><label>Select your favorite color:</label>

<input type="color" id="cl" name="color"><br>

<br><br><label>Select File:</label>

<input type="file" id="fe" name="file"><br>

<br><br><label>Number field(between 2 to 8):</label>

<input type="number" id="Quantity" name="Quantity" min="2" max="8"><br>

<br><br><label>Range(between 10 to 35):</label>

<input type="range" id="Range" name="Range" step="5" min="10" max="35"><br><br>

<input type="Submit" value="Submit" >

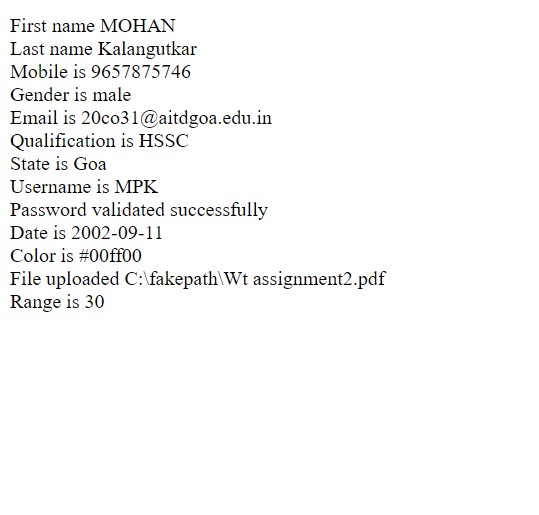
<input type="Reset" value="Reset">

</form>

</body></center>

</html>

**OUTPUT:**

****