**DAY 10- JavaScript Teacher’s Guide**

https://lh6.googleusercontent.com/pzfkpYzj_xNKuCIRaMdGOcJRGHimowNa5u7Ned4rI9rrL8AGediPxVgoTzYM65B3F7T2wKnzzs4NN42aMrsGf_ZZvSDkx9V2RHZ5SJ6YjjldEA7E9x9SwUSXZmLWBKV9rfHuNRbkG3bXpFexSg

**Refresh yesterday’s Class-10 Minutes**

1. Which if the following is Correct JavaScript variables declaration?
2. var \_x = 10;
3. var 123=30;
4. var \*\*x=320;
5. var x=”abc”;

**Answer: - a & d**

1. A **JavaScript variable** is simply?

**Answer: -** aname of storage location.

1. We can call a function several times?
2. True
3. False

**Answer: - a**

**JavaScript Form Validation with Example-30 Minutes**

It is important to validate the form submitted by the user because it can have inappropriate values. So validation is must.

The JavaScript provides you the facility to validate the form on the client side so processing will be fast than server-side validation. So, most of the web developers prefer JavaScript form validation.

<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;

}

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

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

}

else{

if(password.length<6){

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

return false;

}

}

}

</script>

<body>

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

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

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

<input type="submit" value="register" onclick=” validateform()”>

</form>

</body>

</html>

## JavaScript Retype Password Validation

<!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" method="post" >

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

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

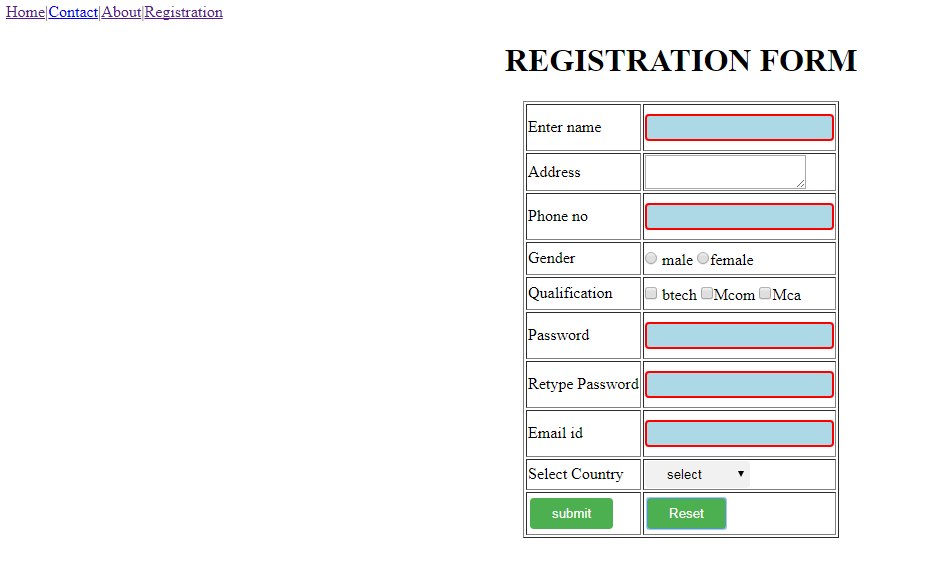
<input type="submit">

</form>

</body>

</html>

**Assignment-HTML, CSS, JavaScript**



**Registration.html**

<html>

<head>

<script type="text/javascript">

function display()

{

var name=document.form1.txtname.value;

if(name=="")

{

alert("please enter name");

document.form1.txtname.focus();

return false;

}

var adress=document.form1.txtadress.value;

if(adress=="")

{

alert("please enter adress");

document.form1.txtadress.focus();

return false;

}

var phone=document.form1.txtphoneno.value;

if(phone=="")

{

alert("please enter phone no");

document.form1.txtphoneno.focus();

return false;

}

if(isNaN(phone))

{

alert("phone no must be numeric");

document.form1.txtphoneno.focus();

document.form1.txtphoneno.value="";

return false;

}

if((document.getElementById("r1").checked==false)&&(document.getElementById("r2").checked==false))

{

alert("please select gender");

return false;

}

if((document.getElementById("ch1").checked==false)&&(document.getElementById("ch2").checked==false)&&(document.getElementById("ch3").checked==false))

{

alert("please select qualification");

return false;

}

var password=document.form1.txtpassword.value;

if(password=="")

{

alert("please enter password");

document.form1.txtpassword.focus();

return false;}

var len=password.length;

if(len<5)

{

alert("password must have minimum 5 characters")

document.form1.txtpassword.value="";

document.form1.txtpassword.focus();

return false;

}

var repassword=document.form1.txtrepassword.value;

if(repassword=="")

{

alert("retype password");

document.form1.txtrepassword.focus();

return false;

}

if(password!=repassword)

{

alert("passwords doesnt match");

document.form1.txtrepassword.value="";

document.form1.txtrepassword.focus();

return false;

}

var eemail=document.form1.txtemail.value;

var atposition=eemail.indexOf("@");

var dotposition=eemail.lastIndexOf(".");

if (atposition<1 || dotposition<atposition+2 || dotposition+2>=eemails.length){

alert("Please enter a valid e-mail address ");

return false;

}

var country=document.form1.txtcountry.value;

if(country=="select")

{

alert("please enter country");

document.form1.txtcountry.focus();

return false;

}

}//function

</script>

<style>

input {

padding: 4px 8px;

margin: 8px 0;

box-sizing: border-box;

border: 2px solid red;

border-radius: 4px;

background-color: lightblue;

color: white;

}

select {

padding: 5px 18px;

border: none;

border-radius: 4px;

background-color: #f1f1f1;

}

input[type=submit], input[type=reset] {

background-color: #4CAF50;

border: none;

color: white;

padding: 8px 22px;

text-decoration: none;

margin: 4px 2px;

cursor: pointer;

}

</style>

</head>

<body >

<a href="Home.html">Home</a>|<a href="Contact.htm">Contact</a>|<a href="About.html">About</a>|<a href="Registration.html">Registration</a>

<h1 align="center"><font color="#000000">REGISTRATION FORM</font></h1>

<form name="form1"method="get"action="registeraction.html"onsubmit="return display()">

<table align="center" border="1" >

<tr>

<td> Enter name</font> </td>

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

</tr>

<tr>

<td>Address</td>

<td><textarea name="txtadress"></textarea></td>

</tr>

<tr>

<td>Phone no</td>

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

</tr>

<tr>

<td>Gender</td>

<td><input type="radio" name=" gender" value="male" id="r1">

male <input type="radio" name="gender" value="female" id="r2">female</td>

</tr>

<tr>

<td>Qualification</td>

<td>

<input type="checkbox"name="q1"value="btech"id="ch1"> btech

<input type="checkbox" name="q2" value="Mcom"id="ch2">Mcom

<input type="checkbox" name="q3" value="Mca"id="ch3">Mca </td>

</tr>

<tr>

<td> Password</td>

<td><input type="password"name="txtpassword"></td>

</tr>

<tr>

<td>Retype Password</td>

<td><input type="password" name="txtrepassword"></td>

</tr>

<tr>

<td>Email id</td>

<td><input type="email" name="txtemail"></td>

</tr>

<tr>

<td>Select Country</td>

<td><select name="txtcountry">

<option value="select">select</option>

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

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

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

</select></td>

</tr>

<tr>

<td><input type="submit" name="button" value="submit" ></td>

<td> <input name="reset" type="reset"></td>

</tr>

</table>

</form>

</body>

</html>