

Day 10- JavaScript Teacher's Guide



Refresh yesterday's Class-10 Minutes

1. Which if the following is Correct JavaScript variables declaration?

- a) var _x = 10;
- b) var 123=30;
- c) var **x=320;
- d) var x="abc";

Answer: - a & d

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

Answer: - a name of storage location.

3. We can call a function several times?

- a) True
- b) False

Answer: - a

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 FORM

Enter name	<input type="text"/>
Address	<input type="text"/>
Phone no	<input type="text"/>
Gender	<input type="radio"/> male <input type="radio"/> female
Qualification	<input type="checkbox"/> btech <input type="checkbox"/> Mcom <input type="checkbox"/> Mca
Password	<input type="password"/>
Retype Password	<input type="password"/>
Email id	<input type="text"/>
Select Country	<input type="text" value="select"/>
<input type="button" value="submit"/>	<input type="button" value="Reset"/>

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="txtaddress"></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>
</table>
</form>

```

```

        </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>

```