

<

```
Form> <input name="q" placeholder="Go to a Website">
      <input type="submit" value="Search"><br>
      <input name="q1" autofocus>
      <input type="submit" value="Go"><br>
      <input type="email">
      <input type="submit" value="validate"><br>
      <input type="url">
      <input type="submit" value="url?"><br>
      <input type="number"
      min="0"
      max="10"
      step="2"
      value="6">
      <input type="range"
      min="0"
      max="10"
      step="2"
      value="6">
      <input type="submit" value="Go"><br>
      <input name="birthday" type="date">
      <input type="submit" value="Go"> <br>
      <input name="q2" type="search">
      <input type="submit" value="Find"><br>
      <input id="q" required>
      <input type="submit" value="Search"><br>
      <input type="text" pattern="[a-z]{3}[0-9]{3}" />
      <input type="submit" value="Go"><br>

</form>
```

---

Go to a Website	Search
	Go
	validate
	url?
6	Go
dd-mm-yyyy	Go
	Find
	Search
	Go

---

--

--

```
<form oninput="output.value =  
weight.value">
```

```
<input type="range" id="weight"/>  
<output id="output"></output>  
<input type="text" list="mydata"/>  
<datalist id="mydata">  
<option label="Mr" value="Mister"/>  
<option label="Mrs" value="Mistress"/>  
<option label="Ms" value="Miss"/>  
</datalist>  
</form>
```

# UNION BANK

## 1.pay details in table form

```
<!DOCTYPE HTML PUBLIC "-  
//W3C//DTD HTML 4.01  
Transitional//EN">
```

```
<HTML>  
<HEAD>  
<META http-equiv="Content-Type" content="text/html;  
charset=ISO-8859-1">  
<META http-equiv="Content-Style-Type"  
content="text/css">  
<LINK href="theme/Master.css" rel="stylesheet"  
type="text/css">  
<TITLE>bank.html</TITLE>  
<script language=javascript>  
function accno()  
{  
a=document.f1.accno.value;  
len=a.length;  
a1=parseInt(a);  
var stat=1;  
if (len != 13 )  
{  
alert("enter exactly 13 digits");  
stat=0;  
document.f1.accno.value="";  
document.f1.accno.focus();  
return stat;  
}
```

```

    }
    else if(isNaN(a1))
    {
        stat=0;
        alert("You have entered an invalid number");
        document.f1.accno.value="";
        document.f1.accno.focus();
        return stat;
    }
    return stat;
}
function trans()
{
    var stat=accno();
    if (stat==1)
    {
        var loc = window.location;
        var pathName = loc.pathname.substring(0,
        loc.pathname.lastIndexOf('/') + 1);
        var qry =loc.href.substring(0, loc.href.length -
        ((loc.pathname + loc.search + loc.hash).length -
        pathName.length));
        window.open(qry+"resp.htm","_self");
    }
}
</script>
</HEAD>
<BODY>
<h1>Pay Details</h1>
<FORM name=f1 action="response.htm" >
<table border="1">
<tr><td>Bank Name</td>
<td>
<INPUT type= "text" name="bname"/>
</td></tr>
<tr><td>Branch</td><td>
<INPUT type= "txt" name="branch"/>
</td></tr>
<tr><td>Acc No</td><td>
<INPUT type= "txt" name="accno"/>
</td></tr>

```

```

<tr><td>In Favour of</td><td>
<INPUT type= "txt" name="fvr"/>
</td></tr>
<tr><td>Address</td><td>
<textarea name="addr" rows="3" cols="25">
</textarea>
</td></tr>
<tr><td>Amount</td><td>
<INPUT type= "txt" name="amnt"/>
</td></tr>
<tr><td>Date</td><td>
<INPUT type= "txt" name="date"/>
</td></tr>
<tr><td>
<INPUT type="button" name="one" value="ok"
onClick="trans()" /></td><td>
<INPUT type="button" name="two" value="cancel"
onClick=window.close() />
</td></tr></table>
</FORM>
</BODY>
</HTML>

```

## Login page

```

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN">

```

```

<HTML>
<HEAD>
<META http-equiv="Content-Type"
content="text/html; charset=ISO-8859-1">
<META http-equiv="Content-Style-Type"
content="text/css">
<LINK href="theme/Master.css" rel="stylesheet"
type="text/css">
<TITLE>Login.html</TITLE>
</HEAD>
<BODY>
<h1>Login Details</h1>
<FORM action="success.htm" method="GET" >
<table border="1">

```

```

<tr><td>LoginID</td>
<td>
<INPUT type= "text" name="lname"/>
</td></tr>
<tr><td>Password</td><td>
<INPUT type= "password" name="pwd"/>
</td></tr>
<tr><td>
<INPUT type="submit"
value="Login"/></td><td>
</td></tr></table>
</FORM>
</BODY>
</HTML>

```

## User details to register

```

<!DOCTYPE HTML PUBLIC "-
//W3C//DTD HTML 4.01
Transitional//EN">

```

```

<HTML>
<HEAD>
<TITLE>bank.html</TITLE>
<script language=javascript>
function mno()
{
a=document.f1.mno.value;
len=a.length;
a1=parseInt(a);
var stat=1;
if (len != 10 )
{
alert("Mobile number should have 10 digits");
stat=0;
document.f1.mno.value="";
document.f1.mno.focus();
}
else if(isNaN(a1))
{
stat=0;
alert("You have entered an invalid number");
document.f1.mno.value="";
}
}

```

```

document.f1.mno.focus();
}
}
function email()
{
var stat1=1;
x=0; y=0; xx=0;
a=document.f1.email.value;
for(i=0; i<a.length; i++)
{
ch=a.charAt(i)
if(ch=="@") { x+=1; }
if(ch==".") { y+=1; }
if(ch==" ") { xx+=1; }
}
z=a.charAt(0);
if ((x==1) && (y>=1) && (z!="@") && (xx==0))
{
}
else
{
alert("Invalid mail ID");
}
}
function trans()
{
var n1=document.f1.nme.value.length;
var n2=document.f1.dob.value.length;
var n3=document.f1.mno.value.length;
var n4=document.f1.email.value.length;
if ((n1==0) ||(n2==0) || (n3==0) || (n4==0))
{
alert("All fields are Mandatory");
}
else
{
mno();
email();
}
}
}

```

```

</script>
</HEAD>
<BODY>
<h1>User Details</h1>
<FORM name=f1 action="response1.htm" >
<table border="1">
<tr><td>Name*</td>
<td>
<INPUT type= "text" name="nme"/>
</td></tr>
<tr><td>DOB*</td><td>
<INPUT type= "txt" name="dob"/>
</td></tr>
<tr><td>Male*
<INPUT type= "radio" name="gen" checked />
</td>
<td>Female*
<INPUT type= "radio" name="gen"/>
</td></tr>
<tr><td>Mobile No*</td><td>
<INPUT type= "txt" name="mno"/>
</td></tr>
<tr><td>E-mail*</td><td>
<INPUT type= "txt" name="email"/>
</td></tr>
<tr><td>
<INPUT type="button" name="one" value="ok"
onClick="trans()" /></td><td>
</td></tr></table>
</FORM>
</BODY>
</HTML>

```

## Radio button mode

```

<!DOCTYPE HTML PUBLIC "-
//W3C//DTD HTML 4.01
Transitional//EN">

```

```

<HTML>
<HEAD>
<META http-equiv="Content-Type" content="text/html;
charset=ISO-8859-1">

```

```

<META http-equiv="Content-Style-Type"
content="text/css">
<LINK href="theme/Master.css" rel="stylesheet"
type="text/css">
<TITLE>success.htm</TITLE>

<script language=javascript>
function col()
{
var loc = window.location;
var pathName = loc.pathname.substring(0,
loc.pathname.lastIndexOf('/') + 1);
var qry =loc.href.substring(0, loc.href.length -
((loc.pathname + loc.search + loc.hash).length -
pathName.length));
window.open(qry+"bank.htm", "_self");
}
</script>
</head>
<body>
<form name=f1>
<input type=radio name=r1
onClick="col()"/><h2>DEMAND DRAFT</h2><br/>
<input type=radio name=r1
onClick="col()"/><h2>CHEQUE</h2>
</form>

</BODY>
</HTML>

```

## Submit

```

<!DOCTYPE HTML PUBLIC "-//
//W3C//DTD HTML 4.01
Transitional//EN">

```

```

<HTML>
<HEAD>
<META http-equiv="Content-Type"
content="text/html; charset=ISO-8859-1">
<META http-equiv="Content-Style-Type"
content="text/css">
<LINK href="theme/Master.css" rel="stylesheet"
type="text/css">
<TITLE>registered.html</TITLE>

```



```

</HEAD>
<BODY>
<h2>Your user name and password has been sent
to your mail id</h2>
<FORM action="login.htm" >
<INPUT type="submit" value="Next" />
</FORM>
</BODY>
</HTML>

```

## Success

```

<HTML>
<HEAD>
<META http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<META http-equiv="Content-Style-Type" content="text/css">
<LINK href="theme/Master.css" rel="stylesheet" type="text/css">
<TITLE>success.htm</TITLE>
</HEAD>
<BODY >
<script language="JavaScript" >
var
uu="file:///C:/Documents%20and%20Settings/USER/Desktop/UnionBank/success.h
tm?lname=ss&pwd=sss";
document.write(uu);
var idx = uu.indexOf('?');
document.write(idx);
if (idx != -1) {
var tempParams = new Object();
var pairs = uu.substring(idx+1,uu.length).split('&');
for (var i=0; i<pairs.length; i++) {
nameVal = pairs[i].split('=');
tempParams[nameVal[0]] = nameVal[1];
document.write(nameVal[0]);
document.write(nameVal[1]);
document.write(tempParams[nameVal[0]]);
}
document.write("<br/>");
document.write("Welcome");
}

```

```
</script>
</BODY>
</HTML>
```

## First form

```
<html
>
  <head>
    <title> My First Form</title>
    <script type="text/jscript">
      {
        document.write("<h1>FORM EXAMPLE</h1></br>This is a sample login
        page<hr>");
      }
    </script>
  </head>
  <body>
    <form>
      User ID
      <input type="text" name="lid"></input></br>
      Password
      <input type="text" name="pwd"></input></br>
      <input type="submit" name="sbtn"></input>
      <input type="submit" name="cbtn"></input>
    </form>
  </body>
</html>
```

## First page

```
<head
>
  <title> Hosterss </title>
</head>
<body>
  <marquee>Domain Hosters from <b>Hosterss</b></marquee>
  <a href="#dom">Domains</a><a href="#hos">Hostings</a>
  <a href="#off">Offers</a><a href="#contact">Contact us</a><a
  href="#about">About us</a><br>
  <h2 id="dom">Domains</h2>
  <br>
```

```

<ul>
<li>CSE</li>
<li>MECH</li>
<li>CIVIL</li>
</ul>
<br>
<h2 id="hos">Hosting</h2>
<table border=1 >
<th>S.No</th><th>COUNT</th>
<tr><td>1</td><td>Web Hosting</td></tr>
<tr><td>2</td><td>WordPress Hosting</td></tr>
<tr><td>3</td><td>Cloud Hosting</td></tr>
</table>
</body>
</html>

```

## Login

```

<form
action="action_page.php">

<div class="container">
<h1>Register</h1>
<p>Please fill in this form to create an account.</p>
<hr>
<label for="email"><b>Email</b></label>
<input type="text" placeholder="Enter Email" name="email"
required>
<label for="psw"><b>Password</b></label>
<input type="password" placeholder="Enter Password"
name="psw" required>
<label for="psw-repeat"><b>Repeat Password</b></label>
<input type="password" placeholder="Repeat Password"
name="psw-repeat" required>
<hr>
<p>By creating an account you agree to our <a
href="#">Terms & Privacy</a>.</p>
<button type="submit"
class="registerbtn">Register</button>
</div>

<div class="container signin">
<p>Already have an account? <a href="#">Sign in</a>.</p>

```

```
</div>
</form>
```

## Map links

```
<html
>
  <body>
    <h1>Sample HTML Map</h1>
    <p>
      <ul>
        <li>Step 1: Determine the size of our image</li>
        <li>Step 2: Create a map to overlay the image</li>
        <li>Step 3: Define the coordinates for the map shapes</li>
      </ul>
    </p>
    
    <map name="map_example">
      <area href="https://facebook.com" alt="Facebook" target="_blank" shape=poly
      coords="30,100, 140,50, 290,220, 180,280">
      <area href="https://en.wikipedia.org/wiki/Social_media" target="_blank"
      alt="Wikipedia Social Media Article" shape=poly coords="190,75, 200,60, 495,60,
      495,165, 275,165">
    </map>
  </body>
</html>
```

## Html sample boxes

```
<html
>
  <head>
    <style>
      .box-set { background: #eaeaed; }
      .box {
        background: #2db34a;
        height: 80px;
        width: 80px;
      }
      .box-set1 { background: #eaeaaa; }
      .box1 {
        background: #2db34b;
        height: 100px;
```

```

width: 150px;
}

</style>
</head>
<body>
<div class="box-set">
<figure class="box">Box 1</figure>
</div>
<div class="box-set1">
<figure class="box1">Box 2</figure>
<figure class="box1">Box 3</figure>
</div>
</body>
</html>

```

## Event

```

<!DOCTYPE
html>

<html>
<body>
<p>Click the button to display the date.</p>
<button onclick="displayDate()">The time is?</button>
<script>
function displayDate() {
document.getElementById("demo").innerHTML = Date();
}
</script>
<p id="demo"></p>
</body>
</html>

```

## Svg

```

<html
>
<body>
<svg height="150" width="400">
<defs>
<linearGradient id="grad1" x1="0%" y1="0%" x2="100%" y2="0%">
<stop offset="0%" style="stop-color:rgb(255,255,0);stop-opacity:1" />

```

```

<stop offset="100%" style="stop-color:rgb(255,0,0);stop-opacity:1" />
</linearGradient>
</defs>
<ellipse cx="200" cy="70" rx="85" ry="55" fill="url(#grad1)" />
Sorry, your browser does not support inline SVG.
</svg>
</body>
</html>

```

## Div

```

<html
>
  <head>
  <style>
    .myDiv1 {
    border: 5px outset red;
    background-color: lightblue;
    text-align: center;
    }
    .myDiv2 {
    border: 5px outset blue;
    background-color: green;
    text-align: center;
    }
    .para1{
    width:500px;
    }
    .para2{
    width:500px;
    }
    .para3{
    position:relative;
    left:600px;
    width:500px;
    }
    .myDiv3 {
    position:relative;
    border: 5px outset red;
    background-color: pink;
    text-align: center;

```

```
top:20px;
}
.cont1{
border: 3px outset green;
background-color: white;
text-align: center;
}
.cont2{
position:relative;
border: 3px outset black;
background-color: white;
text-align: left;
left:20px;
right:20px;
}
.cont3{
position:relative;
border: 3px outset black;
background-color: white;
text-align: left;
left:20px;
}
.cont4{
position:absolute;
border: 3px outset black;
background-color: white;
text-align: left;
right:20px;
}
.cont5{
position:relative;
border: 3px outset black;
background-color: white;
text-align: left;
}
</style>
</head>
<body>
<div class="myDiv1">
<h1>VIT-AP</h1>
```

<p class="cont1">With a history of 32 years of innovation in educational and research domain,

VIT has been a forerunner in delivering quality education.

Consistently ranked among the top educational institutes in the country, the VIT group of institutions have had a proud tradition of pursuing knowledge and excellence. In keeping with this tradition, the leadership at VIT-AP resonates a dynamic blend of academic initiative and industry partnership with a vision of creating one of the finest academic destinations in the world.<span style="color:blue">

The VIT-AP campus, which is poised to become one of the country's best campuses, offers several avenues to explore your interests, identify core competencies, and engage in an evolving lifecycle of education and growth. in-house</span>

</p>

</div>

<div class="myDiv2">

<h2>Campuses</h2>

<p class="cont2">

VIT-Chennai<br>

VIT-Vellore<br>

VIT-AP<br>

VIT-Bhopal

</p>

</div>

<div class="myDiv3">

<h2>Schools</h2>

<div class="para1">

<p class="cont3">

SCOPE<br>

SENSE<br>

SMECH<br>

VSB<br>

VSL

</p>

</div>

<div class="para3">

<p class="cont5">

For Admission<br>

Assistant Director (Admissions)<br>

Room No. SRB-G30

</p>



```

</div>
<div class="para2">
<p class="cont4">
VIT-AP<br>
Amaravthi<br>
Beside Secretariat<br>
Near Vijawada<br>
522237.
</p>
</div>
</div>
</body>
</html>

```

<h2 style="text-align: center;">VIT-AP</h2> <p>With a history of 32 years of innovation in educational and research domain, VIT has been a forerunner in delivering quality education. Consistently ranked among the top educational institutes in the country, the VIT group of institutions have had a proud tradition of pursuing knowledge and excellence. In keeping with this tradition, the leadership at VIT-AP resonates a dynamic blend of academic initiative and industry partnership with a vision of creating one of the finest academic destinations in the world. <a href="#">The VIT-AP campus, which is poised to become one of the country's best campuses, offers several avenues to explore your interests, identify core competencies, and engage in an evolving lifecycle of education and growth. in-house</a></p>	
<h3 style="text-align: center;">Campuses</h3> <div> VIT-Chennai  VIT-Vellore  VIT-AP  VIT-Bhopal </div>	
<h3 style="text-align: center;">Schools</h3> <div> <div> SCOPE  SENSE  SMECH  VSB  VSL </div> <div> For Admission  Assistant Director (Admissions)  Room No. SRB-G30 </div> </div>	
<div> VIT-AP  Amaravthi  Beside Secretariat  Near Vitiawada </div>	

## Inline css

```

<!DOCTYPE
html>

<html>
<head>
</head>
<body style="background-color:linen;">
<h1 style="color:maroon;margin-left: 40px;">Departments</h1>
<p style="color:red;margin-left: 40px;">There are7 departments which
includes CSE,ECE,EEE,MECH,BME,CHEM and CIVIL</p>
</body>

```

```
</html>
```

## External css

```
<html>
<head>
<link rel="stylesheet" type="text/css" href="mystyle.css">
</head>
<body>
<h1>Departments</h1>
<p>There are 7 departments which includes CSE,ECE,EEE,MECH,BME,CHEM
and CIVIL</p>
</body>
</html>
```

## Internal css

```
<html>
<head>
<style>
body {
background-color: linen;
}
h1 {
color: maroon;
margin-left: 40px;
}
p {
color: red;
margin-left: 40px;
}
</style>
</head>
<body>
<h1>Departments</h1>
<p>There are 7 departments which includes
CSE,ECE,EEE,MECH,BME,CHEM and CIVIL</p>
</body>
</html>
```

## Form create in JS

```
<!DOCTYPE
html>

    <html>
    <body>

    <p>Click the button to create a FORM and an INPUT element.</p>

    <button onclick="myFunction()">Try it</button>

    <script>
    function myFunction() {
    var x = document.createElement("FORM");
    x.setAttribute("id", "myForm");
    document.body.appendChild(x);

    var y = document.createElement("INPUT");
    y.setAttribute("type", "text");
    y.setAttribute("value", "MyName");
    document.getElementById("myForm").appendChild(y);
    }
    </script>

    </body>
    </html>
```

## Form validation js

```
<html
>

    <head>
    <title>Form Validation</title>
    <script type = "text/javascript">
    function validate() {
    if( document.myForm.Name.value == "" ) {
    alert( "Please provide your name!" );
    document.myForm.Name.focus() ;
    return false;
    }
    if( document.myForm.EMail.value == "" ) {
    alert( "Please provide your Email!" );
    document.myForm.EMail.focus() ;
    return false;
```

```

}
if( document.myForm.Zip.value == "" || isNaN( document.myForm.Zip.value ) ||
document.myForm.Zip.value.length != 5 ) {
alert( "Please provide a zip in the format #####." );
document.myForm.Zip.focus() ;
return false;
}
if( document.myForm.Country.value == "-1" ) {
alert( "Please provide your country!" );
return false;
}
var emailID = document.myForm.EMail.value;
atpos = emailID.indexOf("@");
dotpos = emailID.lastIndexOf(".");
if (atpos < 1 || ( dotpos - atpos < 2 )) {
alert("Please enter correct email ID")
document.myForm.EMail.focus() ;
return false;
}
return( true );
}
</script>
</head>
<body>
<form action = "/cgi-bin/test.cgi" name = "myForm" onsubmit =
"return(validate());">
<table cellpadding = "2" cellspacing = "2" border = "1">
<tr>
<td align = "right">Name</td>
<td><input type = "text" name = "Name" /></td>
</tr>
<tr>
<td align = "right">EMail</td>
<td><input type = "text" name = "EMail" /></td>
</tr>
<tr>
<td align = "right">Zip Code</td>
<td><input type = "text" name = "Zip" /></td>
</tr>
<tr>

```

```

<td align = "right">Country</td>
<td>
<select name = "Country">
<option value = "-1" selected>[choose yours]</option>
<option value = "1">USA</option>
<option value = "2">UK</option>
<option value = "3">INDIA</option>
</select>
</td>
</tr>

<tr>
<td align = "right"></td>
<td><input type = "submit" value = "Submit" /></td>
</tr>

</table>
</form>
</body>
</html>

```

## Form registration js

```

<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='js-form-validation.css' type='text/css' />
    <script src="registration-form-validation.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 id:</label></li>
<li><input type="text" name="userid" size="12" /></li>
<li><label for="passid">Password:</label></li>
<li><input type="password" name="passid" size="12" /></li>

```

```

<li><label for="username">Name:</label></li>
<li><input type="text" name="username" size="50" /></li>
<li><label for="address">Address:</label></li>
<li><input type="text" name="address" size="50" /></li>
<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>
<li><label for="zip">ZIP Code:</label></li>
<li><input type="text" name="zip" /></li>
<li><label for="email">Email:</label></li>
<li><input type="text" name="email" size="50" /></li>
<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>
<li><label>Language:</label></li>
<li><input type="checkbox" name="en" value="en" checked
/><span>English</span></li>
<li><input type="checkbox" name="nonen" value="noen"
/><span>Non English</span></li>
<li><label for="desc">About:</label></li>
<li><textarea name="desc" id="desc"></textarea></li>
<li><input type="submit" name="submit" value="Submit" /></li>
</ul>
</form>
</body>
</html>

```

## Form validation js

```

<html
>
  <head>
  <script>
    function validateForm() {

```

```

var x = document.forms["myForm"]["fname"].value;
if (x == "") {
    alert("Name must be filled out");
    return false;
}
}
</script>
</head>
<body>
<form name="myForm" action="/action_page.php" onsubmit="return
validateForm()" method="post">
Name: <input type="text" name="fname">
<input type="submit" value="Submit">
</form>
</body>
</html>

```

## Array

```

<p
id="demo"></p>
    <script>
        var txt = "";
        var numbers = [45, 4, 9, 16, 25];
        numbers.forEach(myFunction);
        function myFunction(value, index, array) {
            txt = txt + value + "<br>";
        }
        document.getElementById("demo").innerHTML = txt;
    </script>
<input id="id1" type="number" >
    <button onclick="myFunction()">OK</button>
<p id="demo"></p>
    <script>
        function myFunction() {
            var i=0;var j=0;
            var emp = new Array();
            var max=document.getElementById("id1").value;
            for(i=1;i<max;i++)
            { emp[i]=i;}
            for (j=1;j<emp.length;j++)

```

```

{ document.getElementById("demo").innerHTML =
emp[j] + "<br>");}
}
</script>

```

## Random function generate button

```

<html>

<body>
<input type="button" name="mathop"
value="random" onclick="randfn()"></input>
<p id="obj"></p>
<script>
function randfn()
{
document.getElementById("obj").innerHTML =
Math.random();
}
</script>
</body>
</html>

```

## Xml

```

<html
>

<head>
<link rel="stylesheet" href="readXML.css"
type="text/css">
<title>
Read the whole list
</title>
<xml ID="writersXML" SRC="writers.xml"></xml>
<script language="JavaScript">
function findWriters() {
var myXML, myNodes;
var display="";
myXML= document.all("writersXML").XMLDocument;
//Put the <name> element into an object.
myNodes=myXML.getElementsByTagName("name");
//Extract the different values using a loop.
for(var counter=0;counter<myNodes.length;counter++) {
display += myNodes[counter].nodeValue + "\n";

```



```

    }
    document.show.me.value=display;
  }
</script>
</head>
<body>
  <span ID="blueBack">
    Read All Data
  </span>
  <div>
    <form name="show">
      <textarea name="me" cols=30
      rows=5></textarea><p>
      <input type="button" value="Show all" onClick="findWriters()">
    </form></div>
  </body>
</html>

```

## Dtd

```
<!ELEMENT note (to,from,heading,body)>
```

```
<!ELEMENT to (#PCDATA)>
```

```
<!ELEMENT from (#PCDATA)>
```

```
<!ELEMENT heading (#PCDATA)>
```

```
<!ELEMENT body (#PCDATA)>
```

## Xml

```
<?xml version="1.0" encoding="ISO-8859-1"?>
```

```
<!DOCTYPE note SYSTEM "note.dtd">
```

```
<!-- Edited with XML Spy v4.2 -->
```

```
<note>
```

```
  <to>Mark</to>
```

```
  <from>Rams</from>
```

```
  <heading>Reminder</heading>
```

```
  <body>Don't forget me this weekend!</body>
```

```
</note>
```

# Xsl(xml)

```
<?xml version="1.0" encoding="ISO-8859-1"?>
```

```
<!-- Edited with XML Spy v4.2 -->
```

```
<?xml-stylesheet type="text/xsl" href="simple.xsl" ?>
```

```
<breakfast_menu>
```

```
    <food>
```

```
        <name>Belgian Waffles</name>
```

```
        <price>$5.95</price>
```

```
        <description>two of our famous Belgian Waffles with plenty of real maple  
syrup</description>
```

```
        <calories>650</calories>
```

```
    </food>
```

```
    <food>
```

```
        <name>Strawberry Belgian Waffles</name>
```

```
        <price>$7.95</price>
```

```
        <description>light Belgian waffles covered with strawberries and whipped  
cream</description>
```

```
        <calories>900</calories>
```

```
    </food>
```

```
    <food>
```

```
        <name>Berry-Berry Belgian Waffles</name>
```

```
        <price>$8.95</price>
```

```
        <description>light Belgian waffles covered with an assortment of fresh  
berries and whipped cream</description>
```

```
        <calories>900</calories>
```

```
    </food>
```

```
    <food>
```

```
        <name>French Toast</name>
```

```
        <price>$4.50</price>
```

```

        <description>thick slices made from our homemade sourdough
bread</description>

        <calories>600</calories>

    </food>

    <food>

        <name>Homestyle Breakfast</name>

        <price>$6.95</price>

        <description>two eggs, bacon or sausage, toast, and our ever-popular hash
browns</description>

        <calories>950</calories>

    </food>

</breakfast_menu>

```

## XSL(stylesheet)

```

<?xml version="1.0" encoding="ISO-8859-1"?>

<!-- Edited with XML Spy v4.2 -->

<html xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
xmlns="http://www.w3.org/1999/xhtml">

    <body style="font-family:Arial,Helvetica,sans-serif;font-size:12pt;
        background-color:#EEEEEE">

        <xsl:for-each select="breakfast_menu/food">

            <div style="background-color:teal;color:white;padding:4px">

                <span style="font-weight:bold;color:white">

                    <xsl:value-of select="name"/></span>

                    - <xsl:value-of select="price"/>

                </div>

                <div style="margin-left:20px;margin-bottom:1em;font-size:10pt">

                    <xsl:value-of select="description"/>

                    <span style="font-style:italic">

                        (<xsl:value-of select="calories"/> calories per serving)

                    </span>

```

```
        </div>
    </xsl:for-each>
</body>
</html>
```

## XML DTD

```
<?xml version="1.0" ?>
<!DOCTYPE writers [
    <!ELEMENT writers (EnglishLanguage)>
    <!ELEMENT EnglishLanguage (fiction)>
    <!ELEMENT fiction (pen)>
    <!ELEMENT pen (name+)>
    <!ELEMENT name (#PCDATA)>
]>
<writers>
    <EnglishLanguage>
        <fiction>
            <pen>
                <name>Jane Austin</name>
                <name>Rex Stout</name>
                <name>Dashiell Hammett</name>
            </pen>
        </fiction>
    </EnglishLanguage>
</writers>
```

## AJAX JSON

```
<html
>
    <body>
        <h2>AJAX</h2>
        <p>The content is in JSON format - converted into a JavaScript object.</p>
        <p id="demo"></p>
```

```

<script>
var xmlhttp = new XMLHttpRequest();
xmlhttp.onreadystatechange = function() {
if (this.readyState == 4 && this.status == 200) {
var myObj = JSON.parse(this.responseText);
val= myObj.name+" "+myObj.age;
var i = 0;
for (i=0;i<myObj.pets.length;i++)
{ val=val + " "+myObj.pets[i].animal+" " +myObj.pets[i].name; }
document.getElementById("demo").innerHTML = val;
}
};
xmlhttp.open("GET", "json_demo.txt", true);
xmlhttp.send();
</script>
</body>

```

## Json

```

{
  "name":"John",
  "age":31,
  "pets":[
    { "animal":"dog", "name":"Fido" },
    { "animal":"cat", "name":"Felix" },
    { "animal":"hamster", "name":"Lightning" }
  ]
}

```

## Json with js

```

html
>
<head>
<title>Creating Object JSON with JavaScript</title>
<script language = "javascript" >
var JSONObj = { "name" : "vitap.ac.in", "year" : 2017 };
document.write("<h1>JSON with JavaScript example</h1>");
document.write("<br>");
document.write("<h3>Website Name = "+JSONObj.name+"</h3>");

```

```

document.write("<h3>Year = "+JSONObj.year+"</h3>");
</script>
</head>

<body>
</body>
</html>

```

## Creating array object in js using json

```

<html>

<head>
<title>Creation of array object in javascript using JSON</title>
<script language = "javascript" >
document.writeln("<h2>JSON array object</h2>");
var books = { "Pascal" : [
{ "Name" : "Pascal Made Simple", "price" : 700 },
{ "Name" : "Guide to Pascal", "price" : 400 }],
"Scala" : [
{ "Name" : "Scala for the Impatient", "price" : 1000 },
{ "Name" : "Scala in Depth", "price" : 1300 }]
}
var i = 0
document.writeln("<table border = '2'><tr>");
for(i = 0;i<books.Pascal.length;i++) {
document.writeln("<td>");
document.writeln("<table border = '1' width = 100 >");
document.writeln("<tr><td><b>Name</b></td><td width = 50>"
+ books.Pascal[i].Name+"</td></tr>");
document.writeln("<tr><td><b>Price</b></td><td width = 50>" +
books.Pascal[i].price + "</td></tr>");
document.writeln("</table>");
document.writeln("</td>");
}
for(i = 0;i<books.Scala.length;i++) {
document.writeln("<td>");
document.writeln("<table border = '1' width = 100 >");
document.writeln("<tr><td><b>Name</b></td><td width = 50>"
+ books.Scala[i].Name+"</td></tr>");
document.writeln("<tr><td><b>Price</b></td><td width = 50>" +
books.Scala[i].price + "</td></tr>");
document.writeln("</table>");
document.writeln("</td>");
}
}

```

```

    }
    document.writeln("</tr></table>");
</script>
</head>
<body>
</body>
</html>

```

## Create object from json string

```

<html
>
    <body>
    <h2>Create Object from JSON String</h2>
    <p id="demo"></p>
    <script>
    var txt = '{"name":"John", "age":30, "city":"New York"}'
    var obj = JSON.parse(txt);
    document.getElementById("demo").innerHTML = obj.name + ", " + obj.age;
    </script>
    </body>
</html>

```

## AJAX

```

<html
>
    <head>
    <script>
    function loadDoc() {
    var xhttp = new XMLHttpRequest();
    xhttp.onreadystatechange = function() {
    if (this.readyState == 4 && this.status == 200) {
    document.getElementById("demo").innerHTML = this.responseText;
    }
    };
    xhttp.open("GET", "ajax_info.txt", true);
    xhttp.send();
    }
    </script>
    </head>
    <body>

```

```
<div id="demo">
<h2>Before AJAX Call</h2>
<button type="button" onclick="loadDoc()">Change Content</button>
</div>
</body>
</html>
```

```
<html
>
  <head>
  <script>
function loadDoc() {
var xhr = new XMLHttpRequest();
xhr.open("GET", "http://www.google.com",true);
xhr.send();
}
</script>
</head>
<body>
<div id="demo">
<h2>Before AJAX Call</h2>
<button type="button" onclick="loadDoc()">Change Content</button>
</div>
</body>
</html>
```

```
<html
>
  <head>
  <script>
function() {
document.getElementById('result').innerHTML = ";
}
</script>
</head>
<body>
<div id="result" onclick=function()>Testing AJAX</div>
</body>
</html>
```